



# SZABO SCANDIC

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Diagnostik & molekulare Diagnostik



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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# ST6GALNAC2 Antibody - middle region : FITC (ARP53653\_P050-FITC)

Data Sheet

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number               | ARP53653_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Page                 | <a href="http://www.avivasysbio.com/st6galnac2-antibody-middle-region-fitc-arp53653-p050-fitc.html">www.avivasysbio.com/st6galnac2-antibody-middle-region-fitc-arp53653-p050-fitc.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Name                         | ST6GALNAC2 Antibody - middle region : FITC (ARP53653_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Size (# AA)          | 374 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Molecular Weight             | 42kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugation                  | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NCBI Gene Id                 | 10610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host                         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration                | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Full Name               | ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alias Symbols                | STHM, SIAT7, SAITL1, SIAT7B, SIATL1, ST6GalNAII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">VNTMKNSLVSYWNLGFTSVPQGGDLQYIFIPSDIRDYVMLRSAILGVPVP</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Format               | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reference                    | Li,G.S., (2007) Hum. Mutat. 28 (10), 950-957                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Description of Target        | ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting. ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting (Samyn-Petit et al., 2000 [PubMed 10742600]).[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-255 AC015802.21 33337-33591 256-1378 BT019972.1 1-1123 1379-2105 AC015802.21 53295-54021 |
| Protein Interactions         | SMAD3;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reconstitution and Storage   | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.                                                                                                                                                                                                                                                                                                                       |
| Datasheets/Manuals           | Printable datasheet for <a href="#">anti-ST6GALNAC2 (ARP53653_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Blocking Peptide             | For anti-ST6GALNAC2 (ARP53653_P050-FITC) antibody is <a href="#">Catalog # AAP53653</a> (Previous Catalog # AAP30493)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the middle region of human ST6GALNAC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Uniprot ID                   | <a href="#">Q9UJ37</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Name                 | Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Accession #          | <a href="#">NP_006447</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification                 | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nucleotide Accession #       | <a href="#">NM_006456</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                  | <a href="#">ST6GALNAC2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application                  | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                                               |                                                                                              |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Predicted Homology<br/>Based on Immunogen<br/>Sequence</b> | Cow: 91%; Dog: 85%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 100%; Rat: 100% |
| <b>Image 1</b>                                                |             |

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