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- Expressversand

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# TEKT2 Antibody - C-terminal region : FITC (ARP53697\_P050-FITC)

Data Sheet

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53697_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Page                                   | <a href="http://www.avivasysbio.com/tekt2-antibody-c-terminal-region-fitc-arp53697-p050-fitc.html">www.avivasysbio.com/tekt2-antibody-c-terminal-region-fitc-arp53697-p050-fitc.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Name                                           | TEKT2 Antibody - C-terminal region : FITC (ARP53697_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Size (# AA)                            | 430 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Molecular Weight                               | 47kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conjugation                                    | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Gene Id                                   | 27285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Full Name                                 | Tektin 2 (testicular)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alias Symbols                                  | TEKTB1, TEK TIN-T, h-tektin-t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">RTKLKSLKLSHTRLEARTYRPNVELCRDQAQYGLTDEVHQLEATIAALKQ</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reference                                      | Zuccarello,D., (2008) Hum. Reprod. 23 (4), 996-1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Description of Target                          | TEKT2 belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. TEKT2 expresses in the testis and localizes to the flagella of the sperms, indicating that it may play a role in spermatogenesis. This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis. |
| 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-TEKT2 (ARP53697_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Blocking Peptide                               | For anti-TEKT2 (ARP53697_P050-FITC) antibody is <a href="#">Catalog # AAP53697</a> (Previous Catalog # AAPP30539)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human TEKT2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Uniprot ID                                     | <a href="#">Q9UIF3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Name                                   | Tektin-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Accession #                            | <a href="#">NP_055281</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Nucleotide Accession #                         | <a href="#">NM_014466</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                                    | <a href="#">TEKT2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 86%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Image 1**



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