



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53448_P050-Biotin                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Page                                   | <a href="http://www.avivasysbio.com/isca2-antibody-middle-region-biotin-arp53448-p050-biotin.html">www.avivasysbio.com/isca2-antibody-middle-region-biotin-arp53448-p050-biotin.html</a>                                                                                                                                                                                                                                             |
| Name                                           | ISCA2 Antibody - middle region : Biotin (ARP53448_P050-Biotin)                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Size (# AA)                            | 154 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight                               | 16kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                    | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NCBI Gene Id                                   | 122961                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Full Name                                 | Iron-sulfur cluster assembly 2 homolog (S. cerevisiae)                                                                                                                                                                                                                                                                                                                                                                               |
| Alias Symbols                                  | ISA2, HBLD1, MMDS4, c14_5557                                                                                                                                                                                                                                                                                                                                                                                                         |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">RREASSSSPEAGEGQIRLTDSCVQRLLTEGSEFLRLQVEGGGCSGFQY</a>                                                                                                                                                                                                                                                                                                           |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                 |
| Reference                                      | Gerhard,D.S., Genome Res. 14 (10B), 2121-2127 (2004)                                                                                                                                                                                                                                                                                                                                                                                 |
| Description of Target                          | ISCA2 is involved in the assembly of mitochondrial iron-sulfur proteins. Probably involved in the binding of an intermediate of Fe/S cluster assembly.                                                                                                                                                                                                                                                                               |
| Protein Interactions                           | RNF41;                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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-ISCA2 (ARP53448_P050-Biotin) antibody</a>                                                                                                                                                                                                                                                                                                                                                   |
| Blocking Peptide                               | For anti-ISCA2 (ARP53448_P050-Biotin) antibody is <a href="#">Catalog # AAP53448</a> (Previous Catalog # AAPP31971)                                                                                                                                                                                                                                                                                                                  |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human ISCA2                                                                                                                                                                                                                                                                                                                                               |
| Uniprot ID                                     | <a href="#">Q86U28</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                                   | Iron-sulfur cluster assembly 2 homolog, mitochondrial                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Accession #                            | <a href="#">NP_919255</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nucleotide Accession #                         | <a href="#">NM_194279</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                                    | <a href="#">ISCA2</a>                                                                                                                                                                                                                                                                                                                                                                                                                |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit                                                                                                                                                                                                                                                                                                                                                                               |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted Homology Based on Immunogen Sequence | Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 79%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%                                                                                                                                                                                                                                                                                                                                   |

**Image 1**



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Optimal conditions of its use should be determined by end users.

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