



# 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                                 | ARP53811_P050-HRP                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Page                                   | <a href="http://www.avivasysbio.com/ado-antibody-c-terminal-region-hrp-arp53811-p050-hrp.html">www.avivasysbio.com/ado-antibody-c-terminal-region-hrp-arp53811-p050-hrp.html</a>                                                                                                                                                                                                                                                     |
| Name                                           | ADO Antibody - C-terminal region : HRP (ARP53811_P050-HRP)                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Size (# AA)                            | 270 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight                               | 29kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                    | HRP: Horseradish Peroxidase                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Gene Id                                   | 84890                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Full Name                                 | 2-aminoethanethiol dioxygenase                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alias Symbols                                  | C10orf22                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">VRPGVLSRAEYTEASGPCILTPHRDNLHQIDAVEGPAAFDLILAPPYDP</a>                                                                                                                                                                                                                                                                                                          |
| Product Format                                 | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.                                                                                                                                                                                                                                                                                                                                  |
| Reference                                      | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Description of Target                          | Human thiol dioxygenases include cysteine dioxygenase (CDO; MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO; EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine, whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine (Dominy et al., 2007 [PubMed 17581819]). [supplied by OMIM, Mar 2008]                                                                                                 |
| 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-ADO (ARP53811_P050-HRP) antibody</a>                                                                                                                                                                                                                                                                                                                                                        |
| Blocking Peptide                               | For anti-ADO (ARP53811_P050-HRP) antibody is <a href="#">Catalog # AAP76226</a>                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C-terminal region of Human AEDO                                                                                                                                                                                                                                                                                                                                            |
| Uniprot ID                                     | <a href="#">Q96SZ5</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                                   | 2-aminoethanethiol dioxygenase                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Accession #                            | NP_116193                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                                   | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                                    | <a href="#">ADO</a>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Pig, Rabbit                                                                                                                                                                                                                                                                                                                                                                                 |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%                                                                                                                                                                                                                                                                                                                                  |

**Image 1**



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

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