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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53811_P050-Biotin
Product Page	www.avivasysbio.com/ado-antibody-c-terminal-region-biotin-arp53811-p050-biotin.html
Name	ADO Antibody - C-terminal region : Biotin (ARP53811_P050-Biotin)
Protein Size (# AA)	270 amino acids
Molecular Weight	29kDa
Conjugation	Biotin
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: VRPGVLSRAEYTEASGPCILTPHRDNLHQIDAVEGPAFLDILAPPYDP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-ADO (ARP53811_P050-Biotin) antibody
Blocking Peptide	For anti-ADO (ARP53811_P050-Biotin) antibody is Catalog# AAP76226
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human AEDO
Uniprot ID	Q96SZ5
Protein Name	2-aminoethanethiol dioxygenase
Protein Accession #	NP_116193
Purification	Affinity purified
Gene Symbol	ADO
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



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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