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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP57752_P050-Biotin
Product Page	www.avivasysbio.com/pde8a-antibody-c-terminal-region-biotin-arp57752-p050-biotin.html
Name	PDE8A Antibody - C-terminal region : Biotin (ARP57752_P050-Biotin)
Protein Size (# AA)	829 amino acids
Molecular Weight	91kDa
Conjugation	Biotin
NCBI Gene Id	5151
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphodiesterase 8A
Alias Symbols	HsT19550
Peptide Sequence	Synthetic peptide located within the following region: SSNPYHNSTHSADVLHATAYFLSKERIKETLDPIDEVAALIAATIHDVVDH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Phosphodiesterases (PDEs) regulate the intracellular levels of cAMP and cGMP. These cyclic nucleotides play an important role as second messengers in multiple physiologic processes, including regulation of vascular resistance, cardiac output, visceral motility, immune response, inflammation, neuroplasticity, vision, and reproduction. PDEs comprise a large superfamily of enzymes divided into 10 families. Different PDEs can be distinguished by their structure, tissue expression, localization, substrate specificity, regulation, and sensitivity to PDE inhibitors. Diversity in structure and specificity of function make PDEs promising targets for the pharmacotherapy of diseases modulated by cyclic nucleotide signaling (Hetman et al., MIM 2000).
Protein Interactions	UBC;
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-PDE8A (ARP57752_P050-Biotin) antibody
Blocking Peptide	For anti-PDE8A (ARP57752_P050-Biotin) antibody is Catalog# AAP57752 (Previous Catalog# AAPP38809)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PDE8A
Uniprot ID	O60658
Protein Name	High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A
Protein Accession #	NP_002596
Purification	Affinity Purified
Nucleotide Accession #	NM_002605
Gene Symbol	PDE8A
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com