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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	ARP56111_P050-Biotin
Product Page	www.avivasysbio.com/pde6a-antibody-n-terminal-region-biotin-arp56111-p050-biotin.html
Name	PDE6A Antibody - N-terminal region : Biotin (ARP56111_P050-Biotin)
Protein Size (# AA)	779 amino acids
Molecular Weight	85kDa
Conjugation	Biotin
NCBI Gene Id	5145
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	phosphodiesterase 6A
Alias Symbols	PDEA, RP43, CGPR-A
Peptide Sequence	Synthetic peptide located within the following region: YRTRNGIAELATRLFNVHKDAVLEDCLVMPDQEIIVFPLDMGIVGHVAHSK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes the cyclic-GMP (cGMP)-specific phosphodiesterase 6A alpha subunit, expressed in cells of the retinal rod outer segment. The phosphodiesterase 6 holoenzyme is a heterotrimer composed of an alpha, beta, and two gamma subunits. cGMP is an important regulator of rod cell membrane current, and its dynamic concentration is established by phosphodiesterase 6A cGMP hydrolysis and guanylate cyclase cGMP synthesis. The protein is a subunit of a key phototransduction enzyme and participates in processes of transmission and amplification of the visual signal. Mutations in this gene have been identified as one cause of autosomal recessive retinitis pigmentosa.
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-PDE6A (ARP56111_P050-Biotin) antibody
Blocking Peptide	For anti-PDE6A (ARP56111_P050-Biotin) antibody is Catalog # AAP56111
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of human PDE6A
Uniprot ID	P16499
Protein Name	rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha
Protein Accession #	NP_000431.2
Purification	Affinity Purified
Nucleotide Accession #	NM_000440.2
Gene Symbol	PDE6A
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: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 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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