

Rabbit PDE6A Polyclonal Antibody | anti-PDE6A antibody

PDE6A Antibody

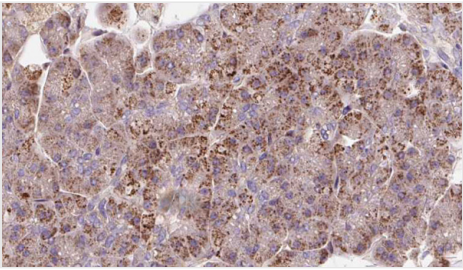
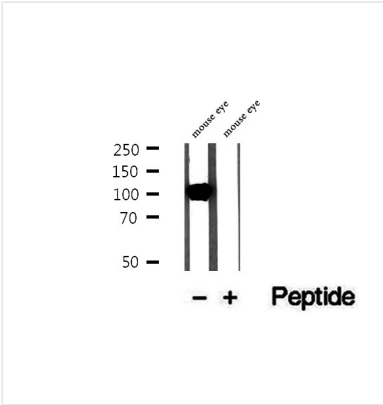
CATALOG # AAA323269	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PDE6A; Polyclonal Antibody; PDE6A Antibody; 5"-cyclic phosphodiesterase subunit alpha; CGPR A; GMP PDE alpha; GMP-PDE alpha; PDE 6 alpha; PDE 6A; PDE V B1; PDE V-B1; PDE6A_HUMAN; PDEA; Phosphodiesterase 6 alpha; Phosphodiesterase 6A alpha subunit; Phosphodiesterase 6A cGMP specific rod alpha; Retinal Rod Photoreceptor cGMP Phosphodiesterase alpha; Rod cGMP specific 3' 5' cyclic phosphodiesterase alpha subunit; Rod cGMP-specific 3"; anti-PDE6A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PDE6A antibody detects endogenous levels of PDE6A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	860
Applicable Applications for anti-PDE6A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PDE6A.
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA323269 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of mouse eye tissue, using PDE6A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE6A antibody	Function: This protein participates in processes of transmission and amplification of the visual signal. Subunit Structure: Oligomer composed of two catalytic chains (alpha and beta), an inhibitory chain (gamma) and the delta chain. Similarity: Belongs to the cyclic nucleotide phosphodiesterase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170650674
NCBI GeneID	5145
NCBI Accession #	NP_000431.2
NCBI GenBank Nucleotide #	NM_000440.2
UniProt Accession #	P16499; Q0P638
Molecular Weight	Observed: 100-110 kDa Predicted: 100 kDa
NCBI Official Full Name	rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha
NCBI Official Synonym Full Names	phosphodiesterase 6A
NCBI Official Symbol	PDE6A
NCBI Official Synonym Symbols	PDEA; RP43; CGPR-A
NCBI Protein Information	rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha
UniProt Protein Name	Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha
UniProt Gene Name	PDE6A
UniProt Synonym Gene Names	PDEA; GMP-PDE alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.