

Rabbit PDE7A Polyclonal Antibody | anti-PDE7A antibody

Rabbit Polyclonal to Human PDE7A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50670	Rabbit	Bat, Gibbon, Bovine, Dog, Xenopus, Gorilla, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

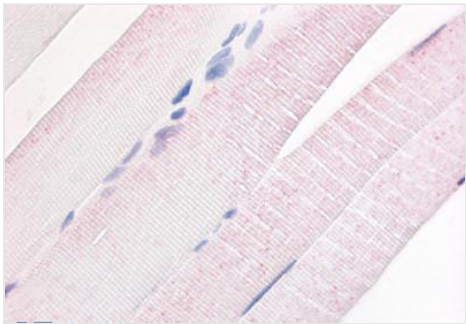
PRODUCT SYNONYMS

PDE7A; Polyclonal Antibody; Rabbit Polyclonal to Human PDE7A; Anti-PDE7A Antibody (N-Terminus) IHC-plus; PDE7A1; PDE7A2; Phosphodiesterase 7A; Phosphodiesterase isozyme 7; PDE7; HCP1; TM22; Human PDE7A; anti-PDE7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Xenopus, Gorilla, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PDE7A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.4 mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-PDE7A antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from N-terminus of human PDE7A. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Bovine, Dog, Bat, Elephant, Panda, Rabbit, Opossum, Xenopus (100%).
Immunogen Type	Synthetic peptide
Immunogen	PDE7A antibody was raised against synthetic 17 amino acid peptide from N-terminus of human PDE7A. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Bovine, Dog, Bat, Elephant, Panda, Rabbit, Opossum, Xenopus (100%); Mouse, Rat, Hamster, Turkey, Lizard (94%); Zebrafish (82%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PDE7A antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE7A antibody	Phosphodiesterase 7A, a cAMP-specific phosphodiesterase, has been shown to affect memory, T-cell functioning and emesis and has been implicated in depression. Two isoforms (PDE7A1 and PDE7A2) which differ at their N-terminal region, have been reported.
Product Categories/Family for anti-PDE7A antibody	Family: Phosphodiesterase; Subfamily: PDE - cAMP-specific

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085277
NCBI GeneID	5150
NCBI Accession #	NP_001229247.1
NCBI GenBank Nucleotide #	NM_001242318.2
UniProt Accession #	Q13946; O15380; Q96T72; A0AVH6; A8K436; A8K9G5
Molecular Weight	48,828 Da
NCBI Official Full Name	high affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A isoform c
NCBI Official Synonym Full Names	phosphodiesterase 7A
NCBI Official Symbol	PDE7A
NCBI Official Synonym Symbols	HCP1; PDE7
NCBI Protein Information	high affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A; TM22; phosphodiesterase isozyme 7
UniProt Protein Name	High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A
UniProt Gene Name	PDE7A
UniProt Entry Name	PDE7A_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pde7a-antibody-immunohistochemistry-elisa/50670>