

PDE7B Polyclonal Antibody

Catalog NumberPA5-32978

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL
Immunogen	Synthetic 17 amino acid peptide from near N-terminus of human PDE7B.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human (100%); Gibbon, Monkey (94%); Gorilla, Mouse, Rat, Elephant, Horse, Rabbit (88%); Opossum (82%). For IHC(P), use heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

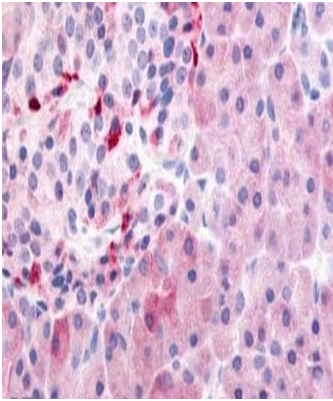
The 3', 5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3', 5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a cAMP-specific phosphodiesterase, a member of the cyclic nucleotide phosphodiesterase family.

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PDE7B Antibody (PA5-32978) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human pancreas using a PDE7B polyclonal antibody (Product # PA5-32978). Heat-induced antigen retrieval was performed prior to staining.

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