

Rabbit PDE7B Polyclonal Antibody | anti-PDE7B antibody

Pan PDE7B Antibody Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75650	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

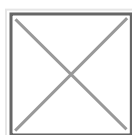
PRODUCT SYNONYMS

PDE7B; Polyclonal Antibody; Pan PDE7B Antibody Affinity Purified; bA472E5.1; cAMP specific 3 5 cyclic phosphodiesterase 7B; High affinity cAMP specific 3 5 cyclic phosphodiesterase; MGC88256; PDE 7B; Phosphodiesterase7B; RNPDE7B; Rolipram insensitive phosphodiesterase type 7 antibody; anti-PDE7B antibody

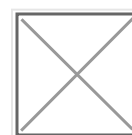
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	450
Applicable Applications for anti-PDE7B antibody	WB (Western Blot), IM (Immunomicroscopy), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic cyclic peptide common to all PDE7B variants.
Expression	Highly expressed in brain. Also expressed in heart, liver, skeletal muscle and pancreas.
Molecular Function	Hydrolase, 3', 5' -cyclic-AMP phosphodiesterase activity
Subcellular Location	Cytosol
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE7B antibody	Affinity Purified cAMP-specific 3', 5'-cyclic phosphodiesterase 7B Antibody Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain.
Product Categories/Family for anti-PDE7B antibody	Primary Antibodies; Signal Transduction; Second Messengers; cAMP; PDE7B Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13626185
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NCBI GeneID	27115
UniProt Accession #	Q9NP56 ; Q5W154
Molecular Weight	51,835 Da
NCBI Official Full Name	cAMP-specific 3',5'-cyclic phosphodiesterase 7B
NCBI Official Synonym Full Names	phosphodiesterase 7B
NCBI Official Symbol	PDE7B
NCBI Official Synonym Symbols	bA472E5.1
NCBI Protein Information	cAMP-specific 3',5'-cyclic phosphodiesterase 7B
UniProt Protein Name	cAMP-specific 3',5'-cyclic phosphodiesterase 7B
UniProt Gene Name	PDE7B
UniProt Entry Name	PDE7B_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/pde7b-antibody-western-blot-immunomicroscopy-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75650>