

Rabbit PDE1B Polyclonal Antibody | anti-PDE1B antibody

PDE1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75769	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PDE1B; Polyclonal Antibody; PDE1B Antibody; 5"-cyclic nucleotide phosphodiesterase 1B; 63 kDa Cam PDE; Calcium/calmodulin dependent 3' 5' cyclic nucleotide Phosphodiesterase 1B; PDE1B1; Cam PDE 1B; PDES 1B; Phosphodiesterase 1B; Phosphodiesterase 1B calmodulin dependent antibody; anti-PDE1B antibody

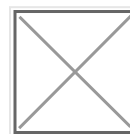
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody does not cross-react with PDE1A or PDE1C or any known PDE family member. This antibody will label all PDE1B variants.
Form/Format	Affinity Purified
Concentration	0.58ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	479
Applicable Applications for anti-PDE1B antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide corresponding to unique amino acid sequence on PDE1B gene.
Molecular Function	Calmodulin-binding, cAMP, cGMP, Metal-binding
Structure	Homodimer
Subcellular Location	Cytoplasm
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE1B antibody	Affinity Purified Pan Phosphodiesterase 1B Antibody Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a preference for cGMP as a substrate.
Product Categories/Family for anti-PDE1B antibody	Primary Antibodies; Signal Transduction; Second Messengers; cGMP; PDE1B Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148671965
NCBI GeneID	18574
Molecular Weight	Predicted: 65 kDa.
NCBI Official Full Name	phosphodiesterase 1B, Ca2+-calmodulin dependent, isoform CRA_b, partial
NCBI Official Synonym Full Names	phosphodiesterase 1B, Ca2+-calmodulin dependent
NCBI Official Symbol	Pde1b
NCBI Official Synonym Symbols	Pde1b1
NCBI Protein Information	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B
UniProt Protein Name	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B
UniProt Gene Name	Pde1b
UniProt Synonym Gene Names	Pde1b1; Cam-PDE 1B
UniProt Entry Name	PDE1B_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pde1b-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75769>