

Rabbit PDE4B/C/D Polyclonal Antibody | anti-PDE4B/C/D antibody

PDE4B/C/D (Phospho Ser133/119/190) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312934	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PDE4B/C/D; Polyclonal Antibody; PDE4B/C/D (Phospho Ser133/119/190) Polyclonal Antibody; PDE4B; DPDE4; cAMP-specific 3'; 5'-cyclic phosphodiesterase 4B; PDE32; PDE4C; DPDE1; 5'-cyclic phosphodiesterase 4C; PDE21; PDE4D; DPDE3; 5'-cyclic phosphodiesterase 4D; PDE43; anti-PDE4B/C/D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-PDE4B/C/D (S133/119/190) Polyclonal Antibody detects endogenous levels of PDE4B/C/D protein only when phosphorylated at S133/119/190.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PDE4B/C/D antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human PDE4D around the phosphorylation site of Ser190/53. AA range:156-205
Preparation and Storage	Store at -20°C for 1 year

ADDITIONAL INFORMATION

Related Product Information for anti-PDE4B/C/D antibody	phosphodiesterase 4B (PDE4B), Homo sapiens. This gene is a member of the type IV, cyclic AMP (cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. The encoded protein regulates the cellular concentrations of cyclic nucleotides and thereby play a role in signal transduction. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]
Product Categories/Family for anti-PDE4B/C/D antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171241
NCBI GeneID	5142
NCBI Accession #	NP_002591.2
NCBI GenBank Nucleotide #	NM_002600.3
UniProt Accession #	Q07343; Q08493; Q08499

NCBI Official Full Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4B isoform 1
NCBI Official Synonym Full Names	phosphodiesterase 4B, cAMP-specific
NCBI Official Symbol	PDE4B
NCBI Official Synonym Symbols	DPDE4; PDEIVB
NCBI Protein Information	cAMP-specific 3',5'-cyclic phosphodiesterase 4B; dunce-like phosphodiesterase E4; phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)
UniProt Protein Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4B
UniProt Gene Name	PDE4B
UniProt Synonym Gene Names	DPDE4
UniProt Entry Name	PDE4B_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/pde4b-c-d-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312934>