

Rabbit PDE3B Polyclonal Antibody | anti-PDE3B antibody

PDE3B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75729	Rabbit	Chicken, Human, Monkey, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PDE3B; Polyclonal Antibody; PDE3B Antibody; 5"-cyclic phosphodiesterase B; adipocyte cAMP phosphodiesterase cGMP inhibited; A1847709; cAMP Phosphodiesterase; adipocyte; cGMP-inhibited; CGIP1; CGIPDE B; cGMP inhibited 3 5 cyclic phosphodiesterase B; CGMP inhibited cAMP phophodiesterase; cGMP-inhibited 3"; Cyclic GMP-inhibited phosphodiesterase B; Cyclic nucleotide phosphodiesterase; HcGIP1; Phosphodiesterase 3B cGMP inhibited antibody; anti-PDE3B antibody

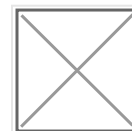
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chicken, Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody does not cross react with PDE4A variants nor with any other PDE famly members. This antibody will recognize PDE3B variants.
Form/Format	Affinity Purified
Concentration	0.70 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	1112
Applicable Applications for anti-PDE3B antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide taken within amino acid region 1060-1110 on human PDE3B protein.
Expression	Abundant in adipose tissues.
Molecular Function	Hydrolase, 3', 5'-cyclic-AMP phosphodiesterase activity, cAMP binding
Structure	Interacts with PIK3CG. Interacts with RAPGEF3 and PIK3R6 (By similarity).
Subcellular Location	Membrane; Multipass membrane protein
Preparation and Storage	-20• degree C for long term storage

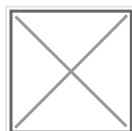
IMAGES



Application Data



IHC (Immunohiostchemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE3B antibody	Affinity Purified cGMP-inhibited 3', 5'-cyclic phosphodiesterase B Antibody Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Regulates cAMP binding of RAPGEF3.
Product Categories/Family for anti-PDE3B antibody	Primary Antibodies; Signal Transduction; Second Messengers; cAMP; PDE3B Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1731706
NCBI GeneID	5140
UniProt Accession #	Q63085; O00639; Q14408; Q6SEI4; B7ZM37; Q13370
Molecular Weight	118,809 Da
NCBI Official Full Name	phosphodiesterase 3B
NCBI Official Synonym Full Names	phosphodiesterase 3B
NCBI Official Symbol	PDE3B
NCBI Official Synonym Symbols	HcGIP1; cGIPDE1
NCBI Protein Information	cGMP-inhibited 3',5'-cyclic phosphodiesterase B
UniProt Protein Name	cGMP-inhibited 3',5'-cyclic phosphodiesterase B
UniProt Gene Name	PDE3B
UniProt Synonym Gene Names	CGIP1; CGI-PDE B
UniProt Entry Name	PDE3B_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/pde3b-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75729>