

Anti-PDE3B antibody



Description	Unconjugated Rabbit polyclonal to PDE3B
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Model	STJ190687
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	5140
Gene Symbol	PDE3B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PDE3B Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Abundant in adipose tissues.
Purification	PDE3B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	cGMP-inhibited 3',5'-cyclic phosphodiesterase B CGIPDE1 CGIP1 Cyclic GMP-inhibited phosphodiesterase B CGI-PDE B
Molecular Weight	122 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8779 OMIM:602047
Alternative Names	cGMP-inhibited 3',5'-cyclic phosphodiesterase B CGIPDE1 CGIP1 Cyclic GMP-inhibited phosphodiesterase B CGI-PDE B
Function	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. May play a role in fat metabolism. Regulates cAMP binding of RAPGEF3. Through simultaneous binding to RAPGEF3 and PIK3R6 assembles a signaling complex in which the PI3K gamma complex is activated by RAPGEF3 and which is involved in angiogenesis.
Cellular Localization	Membrane

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