



Anti-PDE3B (C-terminal) polyclonal antibody (DPABH-22358)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide, corresponding to amino acids at the C-terminal of Human PDE3B.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IP
Format	Liquid
Size	50 µl
Buffer	Constituent: 99% Whole serum
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PDE3B phosphodiesterase 3B, cGMP-inhibited [Homo sapiens]
Official Symbol	PDE3B
Synonyms	PDE3B; phosphodiesterase 3B, cGMP-inhibited; cGMP-inhibited 3,5-cyclic phosphodiesterase B; HcGIP1; CGIP1; CGI-PDE B; cyclic nucleotide phosphodiesterase; cyclic GMP-inhibited phosphodiesterase B; cGIPDE1;
Entrez Gene ID	5140
Protein Refseq	NP_000913
UniProt ID	A7E2E5
Chromosome Location	11p15.2
Pathway	Class IB PI3K non-lipid kinase events; G alpha (s) signalling events; GPCR downstream signaling; Hemostasis; IRS-mediated signalling; IRS-related events; Insulin receptor signalling cascade
Function	3,5-cyclic-AMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; cAMP binding; cGMP-inhibited cyclic-nucleotide phosphodiesterase activity; drug binding; hydrolase activity; metal ion binding