Anti-PDE3B (aa 401-500) polyclonal antibody (DPAB-DC2167)

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

PRODUCT INFORMATION

Antigen Description	PDE3B (phosphodiesterase 3B, cGMP-inhibited) is a protein-coding gene. Diseases associated with PDE3B include differentiating neuroblastoma, and glanders, and among its related super-pathways are Regulation of lipid metabolism Insulin signaling-generic cascades and Insulin receptor signalling cascade. GO annotations related to this gene include cGMP-inhibited cyclic-nucleotide phosphodiesterase activity and 3',5'-cyclic-nucleotide phosphodiesterase activity. An important paralog of this gene is PDE3A.
Immunogen	PDE3B (NP_000913, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. The sequence is LTPFPGFYPCSEIEDPAEKGDRKLNKGLNRNSLPTPQLRRSSGTSGLLPVEQSSRWDRNN GKRPHQEFGISSQGCYLNGPFNSNLLTIPKQRSSSVSLTH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PDE3B phosphodiesterase 3B, cGMP-inhibited [Homo sapiens (human)]
Official Symbol	PDE3B
Synonyms	PDE3B; phosphodiesterase 3B, cGMP-inhibited; HcGIP1; cGIPDE1; cGMP-inhibited 3,5-cyclic phosphodiesterase B; CGIP1; CGI-PDE B; cyclic nucleotide phosphodiesterase; cyclic GMP-inhibited phosphodiesterase B;
Entrez Gene ID	5140
Protein Refseq	NP_000913
UniProt ID	A7E2E5
Chromosome Location	11p15.1
Pathway	Class IB PI3K non-lipid kinase events; GPCR downstream signaling; IGF1R signaling cascade; IRS-related events
Function	3,5-cyclic-nucleotide phosphodiesterase activity; cGMP-inhibited cyclic-nucleotide phosphodiesterase activity; metal ion binding; protein binding