



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	PDE3B (NP_000913, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. The sequence is LTPFPGFYPCSEIEDPAEKGDRKLNKGLNRNSLPTPQLRRSSGTSGLLPVEQSSRWDRNNGKR PHQEFGISSQGCVLNGPFNSNLLTIPKQRSSSVSLTH
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PDE3B phosphodiesterase 3B, cGMP-inhibited [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PDE3B
<b>Synonyms</b>	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;

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<b>Entrez Gene ID</b>	<a href="#">5140</a>
<b>Protein Refseq</b>	<a href="#">NP_000913</a>
<b>UniProt ID</b>	<a href="#">A7E2E5</a>
<b>Chromosome Location</b>	11p15.1
<b>Pathway</b>	Class IB PI3K non-lipid kinase events; GPCR downstream signaling; IGF1R signaling cascade; IRS-related events
<b>Function</b>	3,5-cyclic-nucleotide phosphodiesterase activity; cGMP-inhibited cyclic-nucleotide phosphodiesterase activity; metal ion binding; protein binding

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