



Anti-PDE3B polyclonal antibody (DPAB-DC1492)

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

PRODUCT INFORMATION

Antigen Description	catalyzes the hydrolysis of cAMP and cGMP; regulates insulin secretory processes [RGD, Feb 2006]
Immunogen	A synthetic peptide corresponding to rat Pde3b.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purification
Conjugate	Unconjugated
Applications	WB (Recombinant protein), IP,
Format	Liquid
Concentration	0.65 mg/mL
Size	100 µg
Buffer	In Tris-glycine buffer, pH 7.4 (stabilizing proteins, cryogenic stabilizers, glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Pde3b phosphodiesterase 3B, cGMP-inhibited [Rattus norvegicus (Norway rat)]
Official Symbol	PDE3B
Synonyms	PDE3B; phosphodiesterase 3B, cGMP-inhibited; cGMP-inhibited 3,5-cyclic phosphodiesterase B; CGIPDE1; CGI-PDE B; phosphodiesterase 3B cGMP inhibited; cyclic GMP-inhibited phosphodiesterase B;
Entrez Gene ID	29516
Protein Refseq	NP_058925
UniProt ID	Q63085
Chromosome Location	1q34
Pathway	Insulin signaling pathway; Morphine addiction; Progesterone-mediated oocyte maturation; Purine metabolism.
Function	3,5-cyclic-AMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; cAMP binding; cGMP-inhibited cyclic-nucleotide phosphodiesterase activity