



# Anti-PDE3B polyclonal antibody (DPAB-DC1493)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	catalyzes the hydrolysis of cAMP and cGMP; regulates insulin secretory processes [RGD, Feb 2006]
<b>Immunogen</b>	A synthetic peptide corresponding to rat Pde3b.
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Affinity Purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), IP,
<b>Format</b>	Liquid
<b>Concentration</b>	0.55 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris-glycine buffer, pH 7.4 (stabilizing proteins, cryogenic stabilizers, glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Pde3b phosphodiesterase 3B, cGMP-inhibited [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	PDE3B
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">29516</a>
<b>Protein Refseq</b>	<a href="#">NP_058925</a>
<b>UniProt ID</b>	<a href="#">Q63085</a>
<b>Chromosome Location</b>	1q34
<b>Pathway</b>	Insulin signaling pathway; Morphine addiction; Progesterone-mediated oocyte maturation; Purine metabolism
<b>Function</b>	3,5-cyclic-AMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; cAMP binding; cGMP-inhibited cyclic-nucleotide phosphodiesterase activity