

## PDE3B Polyclonal Antibody

<b>Catalog No :</b>	YN0583
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	PDE3B
<b>Fields :</b>	>>Purine metabolism;>>Metabolic pathways;>>cGMP-PKG signaling pathway;>>cAMP signaling pathway;>>Apelin signaling pathway;>>Insulin signaling pathway;>>Progesterone-mediated oocyte maturation;>>Glucagon signaling pathway;>>Regulation of lipolysis in adipocytes;>>Renin secretion;>>Morphine addiction
<b>Gene Name :</b>	PDE3B
<b>Protein Name :</b>	cGMP-inhibited 3',5'-cyclic phosphodiesterase B (EC 3.1.4.17) (CGIPDE1) (CGIP1) (Cyclic GMP-inhibited phosphodiesterase B) (CGI-PDE B)
<b>Human Gene Id :</b>	5140
<b>Human Swiss Prot No :</b>	Q13370
<b>Mouse Swiss Prot No :</b>	Q61409
<b>Rat Swiss Prot No :</b>	Q63085
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	PDE3B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band :** 122kD

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**Cell Pathway :** Purine metabolism;Insulin\_Receptor;Progesterone-mediated oocyte maturation;

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**Background :** catalytic activity:Nucleoside 3',5'-cyclic phosphate + H(2)O = nucleoside 5'-phosphate.,enzyme regulation:Inhibited by cGMP.,function:May play a role in fat metabolism.,similarity:Belongs to the cyclic nucleotide phosphodiesterase family.,tissue specificity:Abundant in adipose tissues.,

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**Subcellular Location :** Membrane ; Multi-pass membrane protein .

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**Expression :** Abundant in adipose tissues.

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## Products Images