Immunoway
Best Tools for immunology Research

PDE3B Polyclonal Antibody

Catalog No : YN0583

Reactivity : Human;Rat;Mouse;

Applications : WB;ELISA

Target : PDE3B

Fields : >>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

Gene Name : PDE3B

Protein Name : cGMP-inhibited 3',5'-cyclic phosphodiesterase B (EC 3.1.4.17) (CGIPDE1) (CGIP1) (Cyclic GMP-inhibited phosphodiesterase B) (CGI-PDE B)

Human Gene Id : 5140

Human Swiss Prot No : Q13370

Mouse Swiss Prot No : Q61409

Rat Swiss Prot No : Q63085

Immunogen : Synthesized peptide derived from part region of human protein

Specificity : PDE3B Polyclonal Antibody detects endogenous levels of protein.

Formulation : Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Source : Polyclonal, Rabbit,IgG

Dilution : WB 1:500-2000 ELISA 1:5000-20000

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 122kD

Cell Pathway : Purine metabolism;Insulin_Receptor;Progesterone-mediated oocyte maturation;

Background : catalytic activity:Nucleoside 3',5'-cyclic phosphate + H_2O = 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 .

Expression : Abundant in adipose tissues.

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