

PP1RA Polyclonal Antibody

Catalog No :	YN1275
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	PP1RA
Gene Name :	PPP1R10 CAT53 FB19 PNUTS
Protein Name :	Serine/threonine-protein phosphatase 1 regulatory subunit 10 (MHC class I region proline-rich protein CAT53) (PP1-binding protein of 114 kDa) (Phosphatase 1 nuclear targeting subunit) (Protein FB19) (
Human Gene Id :	5514
Human Swiss Prot No :	Q96QC0
Mouse Swiss Prot No :	Q80W00
Rat Swiss Prot No :	O55000
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	PP1RA 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 : 103kD

Background : This gene encodes a protein phosphatase 1 binding protein. The encoded protein plays a role in many cellular processes including cell cycle progression, DNA repair and apoptosis by regulating the activity of protein phosphatase 1. This gene lies within the major histocompatibility complex class I region on chromosome 6, and alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012],

Function : function:Inhibitor of PPP1CA and PPP1CC phosphatase activities. Has inhibitory activity on PPP1CA only when phosphorylated. Binds to mRNA, single-stranded DNA (ssDNA), poly(A) and poly(G) homopolymers.,PTM:Phosphorylated on Ser-398 and Thr-400 by PKA within the region necessary for interaction with PPP1CA.,similarity:Contains 1 C3H1-type zinc finger.,similarity:Contains 1 TFIIS N-terminal domain.,subcellular location:Found in discrete nucleoplasmic bodies and within nucleoli.,subunit:Interacts with PPP1CA and PPP1CC.,tissue specificity:Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,

Subcellular Location : Nucleus . Found in discrete nucleoplasmic bodies and within nucleoli. Associates with chromatin during interphase, excluded from condensed chromosomes during early mitosis and is reloaded onto chromosomes at the late telophase (By similarity). .

Expression : Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

Products Images