

PP1RA Rabbit pAb

CatalogNo: YN1275

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 103kD (Observed)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity PP1RA Polyclonal Antibody detects endogenous levels of protein.

Target Information

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) (p99)

Organism	Gene ID	UniProt ID
Human	5514;	Q96QC0;
Mouse		Q80W00;
Rat		O55000;

Cellular Localization 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). .

Tissue specificity Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

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 TFIIIS 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.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
PP1RA Rabbit pAb

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