

PPR1A Rabbit pAb

CatalogNo: YN1109

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 18kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 40-120

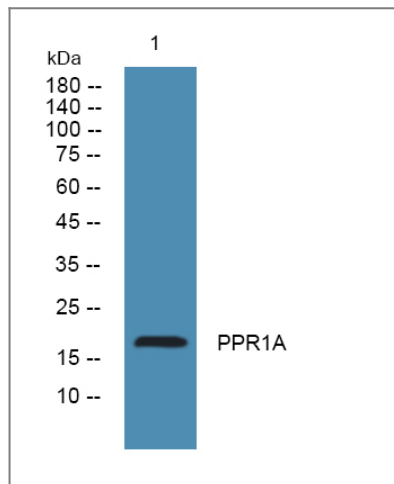
Specificity PPR1A Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name PPP1R1A IPP1

Protein Name	Protein phosphatase 1 regulatory subunit 1A (Protein phosphatase inhibitor 1) (I-1) (IPP-1)		
	Organism	Gene ID	UniProt ID
	Human	5502;	Q13522;
	Mouse		Q9ERT9;
	Rat		P19103;
Cellular Localization	extracellular space,cytoplasm,		
Tissue specificity	Brain,Heart,		
Function	Function:Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.,PTM:Phosphorylation of Thr-35 is required for activity.,similarity:Belongs to the protein phosphatase inhibitor 1 family.,subunit:Interacts with PPP1R15A.,		

Validation Data



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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