



PPR1A Monoclonal Antibody

Catalog No	YP-mAb-05981
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PPP1R1A IPP1
Protein Name	Protein phosphatase 1 regulatory subunit 1A (Protein phosphatase inhibitor 1) (I-1) (IPP-1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Specificity	PPR1A Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	18kD
Cell Pathway	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.,
Background	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



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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images