

Product Name: PPR3D Rabbit Polyclonal Antibody
Catalog #: APRab16439



Summary

Production Name	PPR3D Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	PPP1R3D PPP1R6
Alternative Names	
Gene ID	5509.0
SwissProt ID	O95685.Synthesized peptide derived from human protein . at AA range: 10-90

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	32kD

Background

Phosphorylation of serine and threonine residues in proteins is a crucial step in the regulation of many cellular functions ranging from hormonal regulation to cell division and even short-term memory. The level of phosphorylation is controlled

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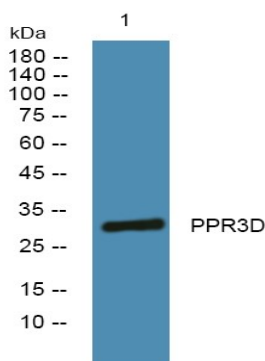


by the opposing actions of protein kinases and protein phosphatases. Protein phosphatase 1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases which have been identified in eukaryotic cells. PP1 associates with various regulatory subunits that dictate its subcellular localization and modulate its substrate specificity. Several subunits that target PP1 to glycogen have been identified. This gene encodes a glycogen-targeting subunit of PP1. [provided by RefSeq, Jul 2008],domain:The CBM21 domain is known to be involved in the localization to glycogen and is characteristic of some regulatory subunit of phosphatase complexes.,function:Seems to act as a glycogen-targeting subunit for PP1. PP1 is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis.,similarity:Contains 1 CBM21 (carbohydrate binding type-21) domain.,subunit:Interacts with PPP1CC catalytic subunit of PP1, and associates with glycogen.,tissue specificity:Expressed in all tissue tested. High expression in skeletal muscle and heart,.

Research Area

Insulin_Receptor;

Image Data



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night

Note

For research use only.