



PPR3D Polyclonal Antibody

Cat #: ABP59989

Size: 30µl /100µl /200µl

Product Information

	Product Name: PPR3D Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP59989	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

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 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. PPP1R3D (Protein Phosphatase 1 Regulatory Subunit 3D) encodes a glycogen-targeting subunit of PP1.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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