

Rabbit PPP1R14B Polyclonal Antibody | anti-PPP1R14B antibody

PPP1R14B Antibody

CATALOG # AAA328108	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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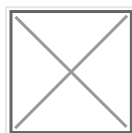
PRODUCT SYNONYMS

PPP1R14B; Polyclonal Antibody; PPP1R14B Antibody; PHI 1; PHI1; Phospholipase C beta 3 neighboring gene protein; Phospholipase C beta 3 neighbouring gene protein; Phospholipase C-beta-3 neighbouring gene protein; PLCB3N; PNG; PP14B_HUMAN; Ppp1r14b; Protein phosphatase 1 regulatory (inhibitor) subunit 14B; Protein phosphatase 1 regulatory subunit 14B; SOM172; anti-PPP1R14B antibody

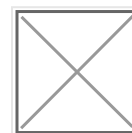
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PPP1R14B antibody detects endogenous levels of total PPP1R14B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-PPP1R14B antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human PPP1R14B
Subcellular Location	Cytoplasm.
Tissue Specificity	Ubiquitous. Expressed at low levels.
Predicted Cross Reactivity	Pig, Horse, Rabbit, Dog
Similarity	Pig (93%), Horse (93%), Rabbit (87%), Dog (93%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of PPP1R14B using MCF7 whole cell lysates


WB (Western Blot)

Western blot analysis of extracts from 293, using PPP1R14B Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from various samples, using PPP1R14B Antibody. Lane 1: 293 treated with blocking peptide. Lane 2: 293; Lane 3: c476;

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R14B antibody

Function: Inhibitor of PPP1CA. Has over 50-fold higher inhibitory activity when phosphorylated (By similarity).
Post-translational Modifications: Phosphorylated primarily on Thr-57 by PKC (in vitro). An unknown Ser is also phosphorylated by PKC (in vitro) (By similarity).
Similarity: Belongs to the PP1 inhibitor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20162550
NCBI GeneID	26472
NCBI Accession #	NP_619634.1
NCBI GenBank Nucleotide #	NM_138689.2
UniProt Accession #	Q96C90; Q504S7; Q7KZD7
Molecular Weight	Observed: 16 kDa Predicted: 16 kDa
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 14B
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory inhibitor subunit 14B
NCBI Official Symbol	PPP1R14B
NCBI Official Synonym Symbols	PNG; PHI-1; PLCB3N; SOM172
NCBI Protein Information	protein phosphatase 1 regulatory subunit 14B
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14B
UniProt Gene Name	PPP1R14B
UniProt Synonym Gene Names	PLCB3N; PNG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp1r14b-antibody-western-blot-elisa/328108>