

Phostensin Rabbit pAb

Catalog # AP96776

Product Information

Application	WB
Primary Accession	Q6NYC8
Other Accession	Q6NYC8
Reactivity	Human
Predicted	Rat, Pig, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67943
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Phostensin
Epitope Specificity	101-200/613
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Interacts with Protein phosphatase 1 (PP1).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Protein phosphatase-1 (PP1; see MIM 176875) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin (see MIM 102610) cytoskeleton (Kao et al., 2007 [PubMed 17374523]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	170954
Other Names	HKMT1098; KIAA1949; PPR18_HUMAN; PPP1R18; Protein phosphatase 1 F-actin cytoskeleton-targeting subunit; Protein phosphatase 1 regulatory subunit 18; PPR18_PIG; Protein phosphatase 1 F-actin cytoskeleton targeting subunit; protein phosphatase 1, regulatory subunit 18
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PPP1R18
-------------	---------

Synonyms	HKMT1098, KIAA1949
Function	[Isoform 1]: May target protein phosphatase 1 to F-actin cytoskeleton.
Cellular Location	[Isoform 1]: Cytoplasm, cytoskeleton
Tissue Location	Isoform 4 is predominantly expressed in leukocytes and spleen.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.