

Rabbit PPP1R14C Polyclonal Antibody | anti-PPP1R14C antibody

PPP1R14C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324055	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

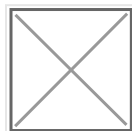
PRODUCT SYNONYMS

PPP1R14C; Polyclonal Antibody; PPP1R14C Antibody; CPI17 like; KEPI; Kinase enhanced PP1 inhibitor; NY BR 81; PKC potentiated PP1 inhibitory protein; Protein phosphatase 1 regulatory subunit 14C; Serologically defined breast cancer antigen NY BR 81; anti-PPP1R14C antibody

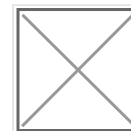
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PPP1R14C antibody detects endogenous levels of total PPP1R14C
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	165
Applicable Applications for anti-PPP1R14C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Detected in breast cancer.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Chicken (100%), Xenopus (100%)
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 extracts from Jurkat cells using PP14C antibody.


WB (Western Blot)

Western blot analysis of extracts from various samples, using PPP1R14C Antibody. Lane 1: 293 treated with blocking peptide; Lane 2: 293; Lane 3: mouse brain;



IF (Immunofluorescence)

AAA324055 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R14C antibody	Function: Inhibitor of the PP1 regulatory subunit PPP1CA. Post-translational Modifications: Has over 600-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction (By similarity). The main inhibitory site appears to be Thr-73. Similarity: Belongs to the PP1 inhibitor family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19311006
NCBI GeneID	81706
NCBI Accession #	NP_112211.1
NCBI GenBank Nucleotide #	NM_030949.2
UniProt Accession #	Q8TAE6; Q5VY83; Q96BB1; Q9H277
Molecular Weight	Observed: 20 kD Predicted: 18 kDa
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 14C
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory inhibitor subunit 14C
NCBI Official Symbol	PPP1R14C
NCBI Official Synonym Symbols	KEPI; NY-BR-81; CPI17-like
NCBI Protein Information	protein phosphatase 1 regulatory subunit 14C
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14C
UniProt Gene Name	PPP1R14C
UniProt Synonym Gene Names	KEPI

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/ppp1r14c-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324055>