

Rabbit anti-Human, mouse PP1R14C Polyclonal Antibody | anti-PPP1R14C antibody

PP1R14C Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289817	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

PP1R14C; Polyclonal Antibody; PP1R14C Antibody (C-term); Protein phosphatase 1 regulatory subunit 14C; Kinase-enhanced PP1 inhibitor; PKC-potentiated PP1 inhibitory protein; Serologically defined breast cancer antigen NY-BR-81; PPP1R14C; KEPI; anti-PPP1R14C antibody

PRODUCT SPECIFICATIONS

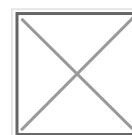
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PP1R14C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-155 amino acids from the C-terminal region of human PP1R14C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	126-155
Sequence Length	165
Applicable Applications for anti-PPP1R14C antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PP1R14C Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PP1R14C Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PP1R14C Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the PP1R14C antibody detected the PP1R14C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R14C antibody	The degree of protein phosphorylation is regulated by a balance of protein kinase and phosphatase activities. Protein phosphatase-1 (PP1; see MIM 176875) is a signal-transducing phosphatase that influences neuronal activity, protein synthesis, metabolism, muscle contraction, and cell division. PPP1R14C is an inhibitor of PP1 (Liu et al., 2002 [PubMed 11812771]).[supplied by OMIM].
Product Categories/Family for anti-PPP1R14C antibody	Signal Transduction
References	Daskalow, K., et al. Anticancer Res. 30(5):1573-1578(2010) Scholz, S.W., et al. Ann. Neurol. 65(5):610-614(2009) Burgner, D., et al. PLoS Genet. 5 (1), E1000319 (2009) : Mungall, A.J., et al. Nature 425(6960):805-811(2003) Liu, Q.R., et al. J. Biol. Chem. 277(15):13312-13320(2002)

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	17843
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
UniProt Entry Name	PP14C_HUMAN

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.