

**PP1R14C Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10151b**

**Specification**

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**PP1R14C Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q8TAE6](#)  
Other Accession [NP\\_112211.1](#)

**PP1R14C Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 81706

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PP1R14C Antibody (C-term) Blocking peptide - Protein Information**

**Name** PPP1R14C

**Synonyms** KEPI

**Function**

Inhibitor of the PP1 regulatory subunit PPP1CA.

**Cellular Location**

Cytoplasm. Membrane; Peripheral membrane protein

**Tissue Location**

Detected in breast cancer.

**PP1R14C Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**PP1R14C Antibody (C-term) Blocking peptide - Images****PP1R14C Antibody (C-term) Blocking peptide - Background**

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. PP1R14C is an inhibitor of PP1 (Liu et al., 2002 [PubMed 11812771]). [supplied by OMIM].

**PP1R14C Antibody (C-term) Blocking peptide - 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)