

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

Specification

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

Primary Accession [O8TAE6](#)
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)