

**PPP2R5A Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14971b****Specification**

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**PPP2R5A Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q15172](#)**PPP2R5A Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5525**Other Names**

Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform, PP2A B subunit isoform B'-alpha, PP2A B subunit isoform B56-alpha, PP2A B subunit isoform PR61-alpha, PR61alpha, PP2A B subunit isoform R5-alpha, PPP2R5A

**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.

**PPP2R5A Antibody (C-term) Blocking Peptide - Protein Information****Name** PPP2R5A**Function**

The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

**Cellular Location**

Cytoplasm. Nucleus. Chromosome, centromere. Note=From mitotic prophase to metaphase, localizes at the inner centromere between a pair of sister kinetochores. Decreased expression at the onset of anaphase

**Tissue Location**

Widely expressed with the highest expression in heart and skeletal muscle

**PPP2R5A Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **PPP2R5A Antibody (C-term) Blocking Peptide - Images**

#### **PPP2R5A Antibody (C-term) Blocking Peptide - Background**

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B56 subfamily.

#### **PPP2R5A Antibody (C-term) Blocking Peptide - References**

Flegg, C.P., et al. J. Biol. Chem. 285(24):18144-18154(2010) Freeman, A.K., et al. Cell Cycle 9(4):736-747(2010) Reece, K.M., et al. Biochem. Biophys. Res. Commun. 386(4):582-587(2009) Li, H., et al. Mol. Cell. Biol. 29(3):919-928(2009) Ruvolo, V.R., et al. J. Biol. Chem. 283(51):35474-35485(2008)