

PR48 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7772c**Specification**

PR48 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9Y5P8](#)**PR48 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 28227**Other Names**

Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit beta, PP2A subunit B isoform PR48, Protein phosphatase 2A 48 kDa regulatory subunit, PPP2R3B, PPP2R3L

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7772c](/products/AP7772c) was selected from the Center region of human PR48. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PR48 Antibody (Center) Blocking Peptide - Protein Information**Name** PPP2R3B**Synonyms** PPP2R3L**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

Nucleus.

PR48 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PR48 Antibody (Center) Blocking Peptide - Images

PR48 Antibody (Center) Blocking Peptide - Background

Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. This protein belongs to the B'' family. The B'' family has been further divided into subfamilies. This protein belongs to the beta subfamily of regulatory subunit B''.

PR48 Antibody (Center) Blocking Peptide - References

Stevens,I., Eur. J. Biochem. 270 (2), 376-387 (2003)Yokoyama,N., Oncogene 20 (42), 6057-6065 (2001)Yan,Z., Mol. Cell. Biol. 20 (3), 1021-1029 (2000)