

PPP2R5D Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19327a

Specification

PPP2R5D Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q14738](#)

PPP2R5D Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5528

Other Names

Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform, PP2A B subunit isoform B'-delta, PP2A B subunit isoform B56-delta, PP2A B subunit isoform PR61-delta, PP2A B subunit isoform R5-delta, PPP2R5D

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.

PPP2R5D Antibody (N-term) Blocking Peptide - Protein Information

Name PPP2R5D

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. Note=Nuclear in interphase, nuclear during mitosis

Tissue Location

Isoform Delta-2 is widely expressed. Isoform Delta- 1 is highly expressed in brain

PPP2R5D Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPP2R5D Antibody (N-term) Blocking Peptide - Images**PPP2R5D Antibody (N-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 a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.

PPP2R5D Antibody (N-term) Blocking Peptide - References

Yu, U.Y., et al. BMB Rep 43(4):263-267(2010) Reece, K.M., et al. Biochem. Biophys. Res. Commun. 386(4):582-587(2009) Forester, C.M., et al. Proc. Natl. Acad. Sci. U.S.A. 104(50):19867-19872(2007) Sablina, A.A., et al. Cell 129(5):969-982(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)