

PPP1R13B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17200c

Specification

PPP1R13B Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q96KQ4](#)

PPP1R13B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 23368

Other Names

Apoptosis-stimulating of p53 protein 1, Protein phosphatase 1 regulatory subunit 13B, PPP1R13B, ASPP1, KIAA0771

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.

PPP1R13B Antibody (Center) Blocking Peptide - Protein Information

Name PPP1R13B

Synonyms ASPP1, KIAA0771

Function

Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53 (PubMed:11684014, PubMed:12524540). Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo.

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Some fraction is nuclear

Tissue Location

Reduced expression in breast carcinomas expressing a wild-type TP53 protein.

PPP1R13B Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPP1R13B Antibody (Center) Blocking Peptide - Images

PPP1R13B Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor.

PPP1R13B Antibody (Center) Blocking Peptide - References

Figl, A., et al. Mutat. Res. 702(1):8-16(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010)
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25(13):1862-1870(2006) Liu, Z.J., et al. Biochim. Biophys. Acta 1756(1):77-80(2005)