

PPFIBP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17453c

Specification

PPFIBP1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q86W92](#)

PPFIBP1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 8496

Other Names

Liprin-beta-1, Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 1, PTPRF-interacting protein-binding protein 1, hSGT2, PPFIBP1, KIAA1230

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.

PPFIBP1 Antibody (Center) Blocking Peptide - Protein Information

Name PPFIBP1

Synonyms KIAA1230

Function

May regulate the disassembly of focal adhesions. Did not bind receptor-like tyrosine phosphatases type 2A.

Tissue Location

Widely expressed. Absent in liver.

PPFIBP1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPFIBP1 Antibody (Center) Blocking Peptide - Images

PPFIBP1 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a member of the LARprotein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembraneprotein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. It has been proposed that liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LARfamily of tyrosine phosphatases. This protein was found to interact with S100A4, a calcium-binding protein related to tumor invasiveness and metastasis. In vitro experiment demonstrated that the interaction inhibited the phosphorylation of this protein by protein kinase C and protein kinase CK2. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

PPFIBP1 Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Norrmen, C., et al. Blood 115(4):906-909(2010) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006) Jin, J., et al. Curr. Biol. 14(16):1436-1450(2004)