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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

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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 foraxon guidance and mammary gland development. It has been proposedthat liprins are multivalent proteins that form complex structuresand act as scaffolds for the recruitment and anchoring of LARfamily of tyrosine phosphatases. This protein was found to interactwith S100A4, a calcium-binding protein related to tumorinvasiveness and metastasis. In vitro experiment demonstrated thatthe interaction inhibited the phosphorylation of this protein byprotein kinase C and protein kinase CK2. Alternatively splicedtranscript 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)