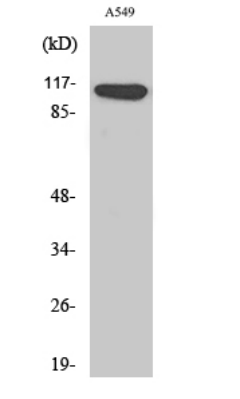
Liprin Beta1 (PPFIBP1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Liprin beta1 (PPFIBP1), Polyclonal Antibody
Full Product Name	Liprin beta1 Polyclonal Antibody
Product Gene Name	anti-PPFIBP1 antibody
Product Synonym Names	PPFIBP1; KIAA1230; Liprin-beta-1; Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 1; PTPRF-interacting protein-binding protein 1; hSGT2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	114,024 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (27677045..27848497). Location: 12p12.1
OMIM	603141
3D Structure	ModBase 3D Structure for Q86W92
Applications Tested/Suitable for anti-PPFIBP1 antibody	Western Blot (WB)
Related Product Information for anti-PPFIBP1 antibody	May regulate the disassembly of focal adhesions. Did not bind receptor-like tyrosine phosphatases type 2A.
Other Notes	Small volumes of anti-PPFIBP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPFIBP1 purchase	MBS9244179 is an antibody targeting PPFIBP1. Also known as Liprin beta1 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Wester Blot (WB) of anti-PPFIBP1 antibody
Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPFIBP1. It may not necessarily be applicable to this product.

NCBI GI #	312032471
NCBI GeneID	8496
NCBI Accession #	NP_001185844.1
UniProt Primary Accession #	Q86W92
UniProt Secondary Accession #	O75336; Q86X70; Q9NY03; Q9ULJ0
UniProt Related Accession #	Q86W92
GenBank Nucleotide #	NM_001198915.1
NCBI Official Full Name	liprin-beta-1 isoform 3
NCBI Official Synonym Full Names	PTPRF interacting protein, binding protein 1 (liprin beta 1)
NCBI Official Symbol	PPFIBP1
NCBI Official Synonym Symbols	L2; SGT2; hSGT2; hSgt2p
UniProt Protein Name	Liprin-beta-1
UniProt Synonym Protein Names	Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 1; PTPRF-interacting protein-binding protein 1; hSGT2
Protein Family	Liprin
UniProt Gene Name	PPFIBP1
UniProt Synonym Gene Names	KIAA1230; PTPRF-interacting protein-binding protein 1
UniProt Entry Name	LIPB1_HUMAN
NCBI Protein Information	liprin-beta-1; liprin-beta 1; liprin related protein; PTPRF-interacting protein-binding protein 1; protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 1; protein-tyrosine phosphatase receptor-type f polypeptide-int
NCBI Summary for PPFIBP1	The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein 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 LAR family 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. [provided by RefSeq, Jul 2008]
UniProt Comments for PPFIBP1	liprin beta 1: a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein 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 LAR family 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. Five alternatively spliced isoforms have been described. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 12p12.1 Cellular Component: focal adhesion; plasma membrane Biological Process: cell adhesion
Research Articles on PPFIBP1	**1.** Liprins can mediate assembly of target proteins into large protein complexes capable of regulating numerous cellular activities.

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