

PPFIBP1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:200 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW: 114kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human PPFIBP1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

L2; SGT2; hSGT2; hSgt2p;

Catalog #: A4225

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8496

Isotype: IgG

Swiss Prot: Q86W92

Purity: Affinity purification

For research use only.

Background:

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.

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