

## 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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