Product Datasheet

LIPB1 Antibody

Catalog No: #35188

Package Size: #35188-1 50ul #35188-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

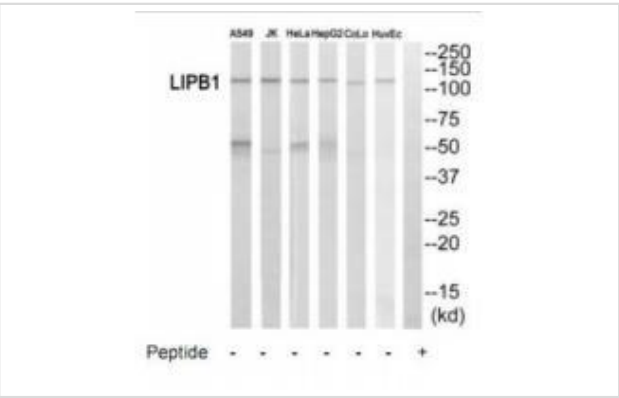
Description

Product Name	LIPB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LIPB1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human LIPB1.
Target Name	LIPB1
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
Accession No.	Swiss-Prot: C20615NCBI Gene ID: 8496
Uniprot	Q86W92
GeneID	8496;
SDS-PAGE MW	115kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from A549 cells, Jurkat cells, HeLa cells, HepG2 cells, COLO205 cells and HuvEc cells, using LIPB1 antibody #35188.

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.

Serra-Pages C., J. Biol. Chem. 273:15611-15620(1998).
Nagase T., DNA Res. 6:337-345(1999).
Nakajima D., DNA Res. 9:99-106(2002).

Note: This product is for in vitro research use only