

LYVE1 Rabbit pAb

Catalog # AP53616

Product Information

Primary Accession	Q8BHC0
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	34574

Additional Information

Gene ID	114332
Other Names	Lymphatic vessel endothelial hyaluronic acid receptor 1, LYVE-1, Cell surface retention sequence-binding protein 1, CRSBP-1, Extracellular link domain-containing protein 1, Lyve1, Crsbp1, Xlkd1
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

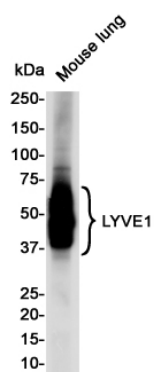
Protein Information

Name	Lyve1
Synonyms	Crsbp1, Xlkd1
Function	Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as a hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes (PubMed: 10187853). Binds to pericellular hyaluronan matrices deposited on the surface of leukocytes and facilitates cell adhesion and migration through lymphatic endothelium (By similarity).
Cellular Location	Membrane; Single- pass type I membrane protein Note=Localized to the plasma membrane and in vesicles near extranuclear membranes which may represent trans-Golgi network (TGN) and endosomes/prelysosomal compartments. Undergoes ligand-dependent internalization and recycling at the cell surface

Background

Swiss-Prot Acc.Q8BHC0.Lymphatic vessel endothelial hyaluronic acid receptor 1

Images



Western blot detection of LYVE1 in Mouse Lung lysates using LYVE1 Rabbit pAb(1:1000 diluted). Predicted band size:35KDa.Observed band size:35-70KDa.

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