

For Research Use Only

LYVE1 Polyclonal antibody

Catalog Number: 51011-1-AP **11 Publications**



Basic Information

Catalog Number: 51011-1-AP	GenBank Accession Number: BC026231	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 10894	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9Y5Y7	
Isotype: IgG	Full Name: lymphatic vessel endothelial hyaluronan receptor 1	
Immunogen Catalog Number: AG0570	Calculated MW: 322 aa, 35 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HUVEC cells, human brain tissue, bEnd.3 cells
Cited Applications: WB, IHC, IF	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

LYVE1 is a 322-amino acid type-I integral membrane glycoprotein primarily expressed on lymphatic endothelial cells. LYVE1 is a CD44 homologue. It acts as a receptor and binds to both soluble and immobilized hyaluronan. LYVE1 may function in lymphatic hyaluronan transport and in tumor metastasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinying Guo	36429052	Cells	IHC
Xin Liang	29752441	Cell Death Dis	
Shi-Ran Yu	35615671	Front Physiol	IF

Storage

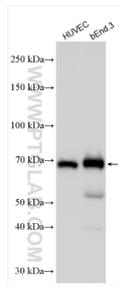
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 51011-1-AP (LYVE1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.