

For Research Use Only

LYVE1 Polyclonal antibody

Catalog Number: 28321-1-AP

1 Publications



Basic Information

Catalog Number:

28321-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28131

GenBank Accession Number:

BC026231

GeneID (NCBI):

10894

UNIPROT ID:

Q9Y5Y7

Full Name:

lymphatic vessel endothelial hyaluronan receptor 1

Calculated MW:

322 aa, 35 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HUVEC cells, bEnd.3 cells, mouse heart tissue, rat heart tissue, mouse liver tissue, rat liver tissue

IHC : rat liver tissue,

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 have a role in tumor metastasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Soo Jin Lee	39326777	Exp Eye Res	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

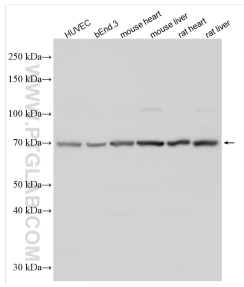
For technical support and original validation data for this product please contact:

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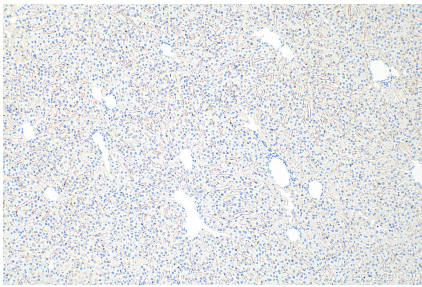
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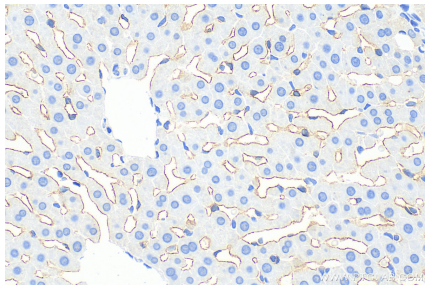
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28321-1-AP (LYVE1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 28321-1-AP (LYVE1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 28321-1-AP (LYVE1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).