

For Research Use Only

LIMCH1 Polyclonal antibody

Catalog Number: 26561-1-AP



Basic Information

Catalog Number:

26561-1-AP

Size:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24112

GenBank Accession Number:

BC023546

GeneID (NCBI):

22998

UNIPROT ID:

Q9UPQ0

Full Name:

LIM and calponin homology domains

1

Observed MW:

~150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, mouse brain tissue

IHC : human intrahepatic cholangiocarcinoma tissue,

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

Background Information

LIM and calponin-homology domains 1 (LIMCH1) was identified from a border cell migration screen based on conditional ectopic expression in Drosophila. It's a kind of actin stress fibers-associated protein that activates non-muscle myosin IIa. Through the activation of non-muscle myosin IIa, LIMCH1 positively regulates actin stress fibers assembly and stabilizes focal adhesions, negatively regulates cell spreading and cell migration.

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

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

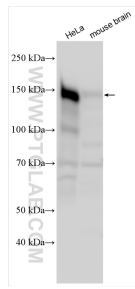
T: 4006900926

E: Proteintech-CN@ptglab.com

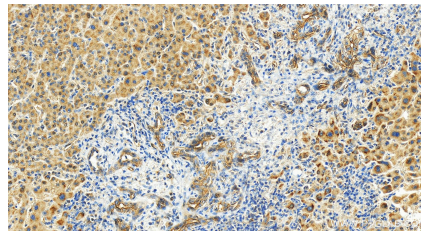
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26561-1-AP (LIMCH1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 26561-1-AP (LIMCH1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).