

For Research Use Only

LIMS1 Recombinant monoclonal antibody

Catalog Number: 83368-3-RR



Basic Information

Catalog Number:

83368-3-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004987

GeneID (NCBI):

3987

UNIPROT ID:

P48059

Full Name:

LIM and senescent cell antigen-like domains 1

Calculated MW:

37 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

260013D6

Recommended Dilutions:

WB: 1:1000-1:8000

IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, A549 cells, Caco-2 cells, K-562 cells, Jurkat cells, mouse kidney tissue, rat kidney tissue

IP : HeLa cells,

Background Information

LIMS1, also known as PINCH1, is an adaptor protein that contains five LIM domains, or double zinc fingers (PMID: 7517666). PINCH-1 is a widely expressed focal adhesion protein that forms a ternary complex with integrin-linked kinase (ILK) and CH-ILKBP/actopaxin/alpha-parvin (PMID: 14551191). LIMS1 is involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

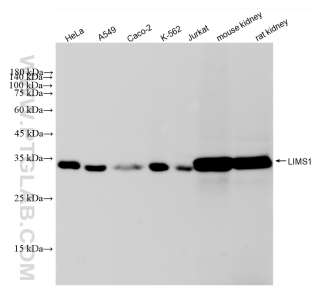
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

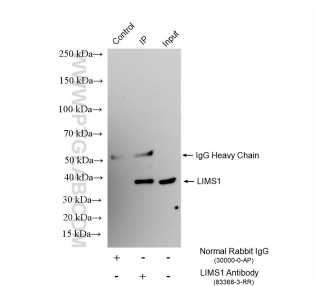
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83368-3-RR (LIMS1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-LIMS1 (IP:83368-3-RR, 4ug; Detection:83368-3-RR 1:1000) with HeLa cells lysate 1000 ug.