

For Research Use Only

# LIMS1 Recombinant monoclonal antibody

Catalog Number: 83368-3-RR



## Basic Information

Catalog Number:

83368-3-RR

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 ug 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

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

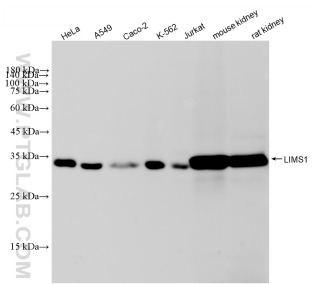
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

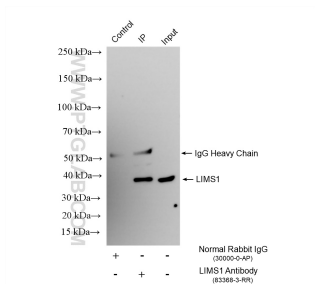
W: [ptgcn.com](http://ptgcn.com)

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.