

For Research Use Only

LIMS1 Polyclonal antibody

Catalog Number: 20772-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 20772-1-AP	GenBank Accession Number: BC005341	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 260 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3987	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: LIM and senescent cell antigen-like domains 1	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 325 aa, 37 kDa	
Immunogen Catalog Number: AG14764	Observed MW: 35-37 kDa	

Applications

Tested Applications:
FC, IF, IHC, IP, WB, ELISA

Cited Applications:
IP, WB

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: Caco-2 cells, mouse lung tissue, human kidney tissue, HeLa cells

IP: K-562 cells,

IHC: human oesophagus cancer tissue,

IF: HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ling Guo	31578224	J Cell Biol	WB,IP
Ling Guo	33004813	Nat Commun	WB
Clotilde Huet-Calderwood	25086068	J Cell Sci	WB

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

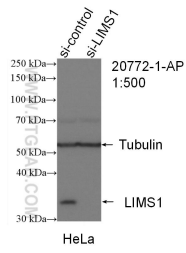
For technical support and original validation data for this product please contact:

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

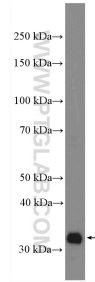
E: proteintech@ptglab.com
W: ptglab.com

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

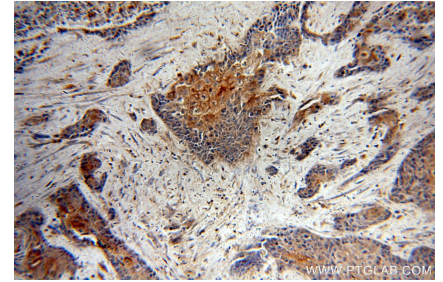
Selected Validation Data



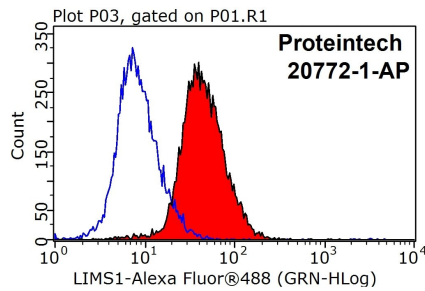
WB result of LIMS1 antibody (20772-1-AP; 1:500; incubated at room temperature for 1.5 hours) with sh-Control and sh-LIMS1 transfected HeLa cells.



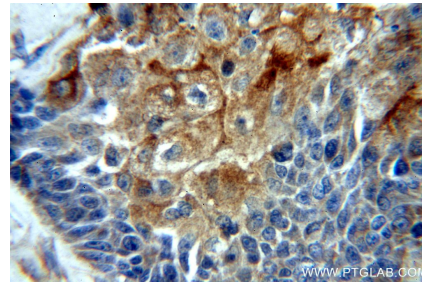
Caco-2 cells were subjected to SDS PAGE followed by western blot with 20772-1-AP (LIMS1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



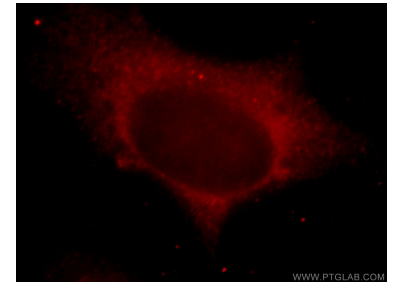
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer using 20772-1-AP (LIMS1 antibody) at dilution of 1:50 (under 10x lens).



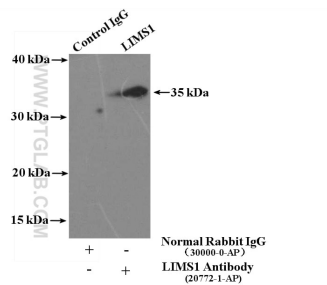
1X10⁶ HeLa cells were stained with 0.2ug LIMS1 antibody (20772-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer using 20772-1-AP (LIMS1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using LIMS1 antibody 20772-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-LIMS1 (IP:20772-1-AP, 4ug; Detection:20772-1-AP 1:500) with K-562 cells lysate 3600ug.