

## LAMP3 Polyclonal Antibody

Catalog number: 12632-1-AP

Size: 37 µg/150 µl

Source: Rabbit

Isotype: IgG

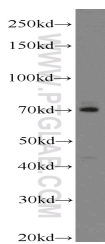
Synonyms:

LAMP3; CD208, DC LAMP,

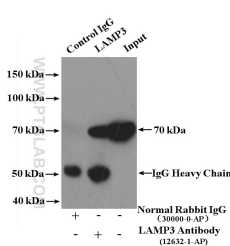
DCLAMP, LAMP, LAMP 3,

LAMP3, Protein TSC403,

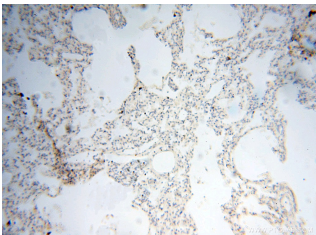
TSC403



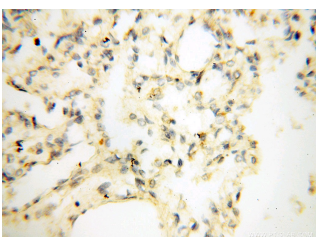
mouse lung tissue were subjected to SDS PAGE followed by western blot with 12632-1-AP(LAMP3 antibody) at dilution of 1:1000



IP Result of anti-LAMP3 (IP:12632-1-AP, 4µg; Detection:12632-1-AP 1:500) with A549 cells lysate 2800ug.



Immunohistochemical of paraffin-embedded human lung using 12632-1-AP(LAMP3 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of

### Background

LAMP3 (lysosome-associated membrane protein 3), also known as DC-LAMP (DC-lysosome-associated membrane glycoprotein), TSC403 or CD208, is a highly glycosylated lysosomal membrane protein that belongs to the LAMP family. The mature glycoprotein has an apparent molecular mass of 70-90 kDa, which is considerably larger than its predicted mass of 44 kDa (PMID: 9768752). LAMP3 is expressed in lung type II pneumocytes, lymphoid organs and dendritic cells. It might change the lysosome function after the transfer of peptide-MHC class II molecules to the surface of dendritic cells. LAMP3 mRNA is up-regulated in some human cancers (PMID:9721848). LAMP3 overexpression is associated with an enhanced metastatic potential and may be a prognostic factor for cervical cancer (PMID: 16204031).

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated LAMP3 MW:	416aa,44 kDa
Observed LAMP3 MW:	70 kDa
Positive WB detected in	Mouse lung tissue, A375 cells, A549 cells, mouse thymus tissue, rat lung tissue
Positive IP detected in	A549 cells
Positive IHC detected in	Human lung tissue, human placenta tissue, human testis tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3325
GenBank accession number:	BC032940
Gene ID (NCBI):	27074
Full name:	Lysosomal-associated membrane protein 3

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

paraffin-embedded human  
lung using 12632-1-  
AP(LAMP3 antibody) at  
dilution of 1:50 (under 40x  
lens)