

# CD107b / LAMP2 Polyclonal antibody

Catalog Number: 27823-1-AP

41 Publications

## Basic Information

## Catalog Number:

27823-1-AP

## Size:

1000  $\mu$ g/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG27183

## GenBank Accession Number:

BC002965

## GeneID (NCBI):

3920

## ENSEMBL Gene ID:

ENSG00000005893

## UNIPROT ID:

P13473

## Full Name:

lysosomal-associated membrane protein 2

## Calculated MW:

45 kDa

## Observed MW:

120 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

IF, IHC, WB

## Species Specificity:

Human, Pig

## Cited Species:

human, pig

**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** : HepG2 cells, Jurkat cells, pig liver tissue, human placenta tissue

**IHC** : human liver tissue, human lung cancer tissue

## Background Information

Lysosomal-associated membrane protein 2 (LAMP2, synonyms: LAMPB, CD107b) is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Prior to posttranslational modification, LAMP2 is a ~45 kDa polypeptide. Mature, functional LAMP2 is extensively glycosylated with a variety of different N linked and O linked oligosaccharides.

## Notable Publications

Author	Pubmed ID	Journal	Application
Angke Zhang	32999030	J Virol	IF
Hanhai Zeng	34530854	J Neuroinflammation	IF
Xingzhi Liu	36270583	Acta Biomater	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

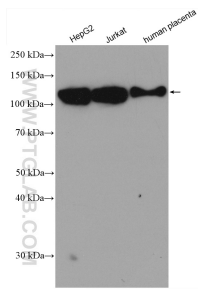
For technical support and original validation data for this product please contact:

T: 4006900926

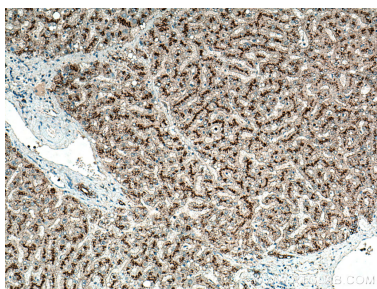
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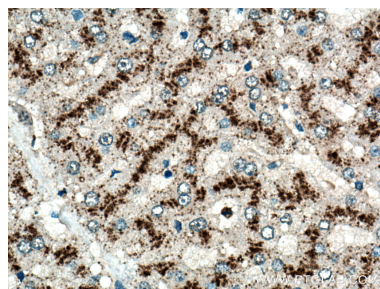
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27823-1-AP (LAMP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27823-1-AP (LAMP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27823-1-AP (LAMP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).