

Rabbit anti-Human LAMP2 Polyclonal Antibody | anti-LAMP2 antibody

LAMP2 Polyclonal Antibody

CATALOG # AAA37113	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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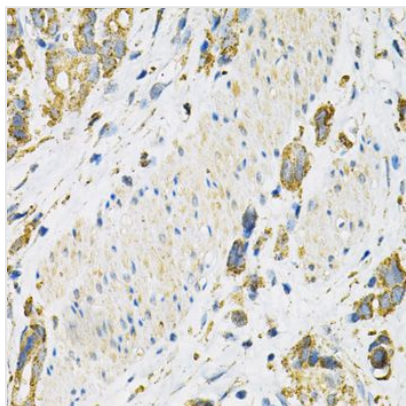
PRODUCT SYNONYMS

LAMP2; Polyclonal Antibody; LAMP2 Polyclonal Antibody; LAMPB; CD107b; LAMP-2; LGP110; anti-LAMP2 antibody

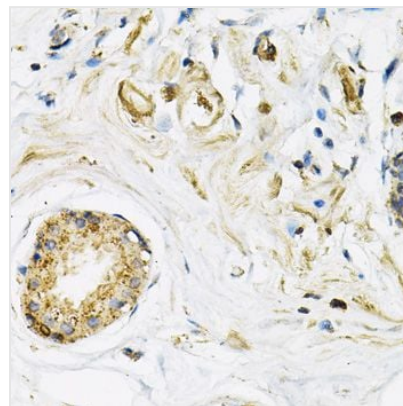
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-LAMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human LAMP2
Calculated Molecular Weight	45kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

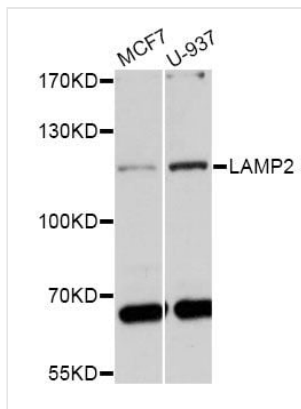
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using LAMP2 Antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using LAMP2 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LAMP2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP2 antibody	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, Lysosome Associated Membrane Protein 2 (LAMP2) is a ~45 kDa polypeptide. Mature, functional LAMP2 is extensively glycosylated with a variety of different N linked and O linked oligosaccharides with a total molecular weight of ~100-110 kDa.
Product Categories/Family for anti-LAMP2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708854
NCBI GeneID	3920
UniProt Accession #	P13473; Q16641; Q6Q3G8; Q96J30; Q99534; Q9UD93; A8K4X5; D3DTF0
Molecular Weight	410
NCBI Official Full Name	Lysosome-associated membrane glycoprotein 2
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 2
NCBI Official Symbol	LAMP2
NCBI Official Synonym Symbols	LAMPB; CD107b; LAMP-2; LGP110
NCBI Protein Information	lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B
UniProt Protein Name	Lysosome-associated membrane glycoprotein 2
UniProt Gene Name	LAMP2
UniProt Synonym Gene Names	LAMP-2; Lysosome-associated membrane protein 2
UniProt Entry Name	LAMP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.