



Anti-LAMP2 (internal region) polyclonal antibody (DPABH-12908)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by the LAMP2 gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands and is thought to play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of the gene produces two known products, LAMP2a and LAMP2b. Isoform LAMP2a is highly expressed in placenta, lung and liver and has low expression in brain and skeletal muscle. The isoform detected by this antibody, LAMP2b, is highly expressed in skeletal muscle less so in brain, placental, lung, kidney and pancreas and has very low expression in liver
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Immunogen	Synthetic peptide, conjugated to KLH, containing 17 amino acids from the internal region of Human LAMP2b
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Format	Liquid
Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	0.02% Sodium Azide

Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
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GENE INFORMATION

Gene Name	LAMP2 lysosomal-associated membrane protein 3 [Homo sapiens]
Official Symbol	LAMP2
Synonyms	LAMP2; lysosomal-associated membrane protein 2; LAMPB; CD107b; LAMP-2; LGP110; lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B;
Entrez Gene ID	3920
Protein Refseq	NP_001116078.1
UniProt ID	P13473
Pathway	Hemostasis; Lysosome; Phagosome; Platelet degranulation
Function	enzyme binding;