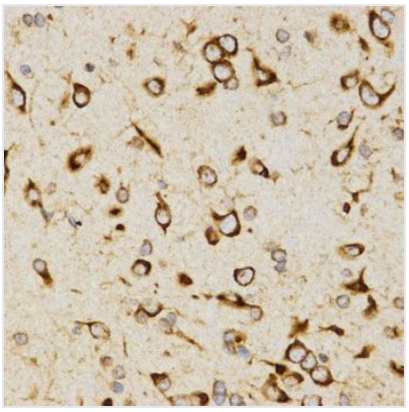
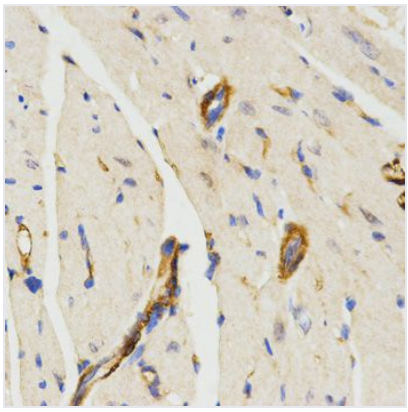
LAMP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

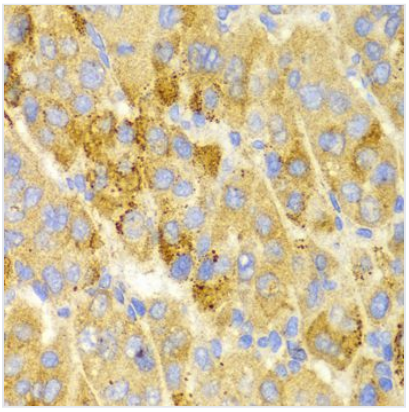
Product Name	LAMP3, Polyclonal Antibody
Full Product Name	LAMP3 Polyclonal Antibody
Product Gene Name	anti-LAMP3 antibody
Product Synonym Names	LAMP; CD208; DCLAMP; LAMP-3; TSC403; DC LAMP; DC-LAMP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Concentration	1mg/ml (lot specific)
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.
Molecular Weight	416
OMIM	605883
3D Structure	ModBase 3D Structure for Q9UQV4
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human LAMP3
Calculated Molecular Weight	44kDa
Product Categories/Family for anti-LAMP3 antibody	Polyclonal
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LAMP3 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-LAMP3 antibody	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100
Related Product Information for anti-LAMP3 antibody	Lysosome-associated membrane glycoprotein 3 is a protein that in humans is encoded by the LAMP3 gene. LAMP3 has also recently been designated CD208. Dendritic cells (DCs) are the most potent antigen-presenting cells. Immature DCs efficiently capture antigens and differentiate into interdigitating dendritic cells (IDCs) in lymphoid tissues that induce primary T-cell responses.May play a role in dendritic cell function and in adaptive immunity.
Other Notes	Small volumes of anti-LAMP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LAMP3 purchase	MBS127171 is an antibody targeting LAMP3. Also known as LAMP3 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



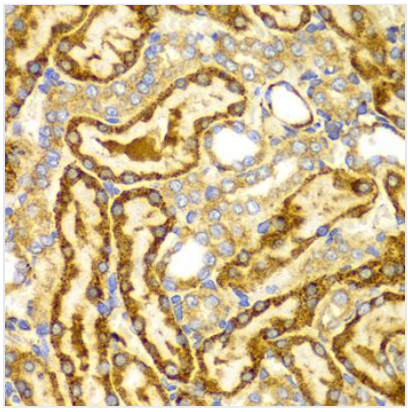
Immunohistochemistry (IHC) of anti-LAMP3 antibody
Immunohistochemistry of paraffin-embedded rat brain using LAMP3 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry (IHC) of anti-LAMP3 antibody
Immunohistochemistry of paraffin-embedded mouse heart using LAMP3 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry (IHC) of anti-LAMP3 antibody
Immunohistochemistry of paraffin-embedded human liver cancer using LAMP3 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (IHC) of anti-LAMP3 antibody
Immunohistochemistry of paraffin-embedded rat kidney using LAMP3 antibody at dilution of 1:100 (40x lens).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAMP3. It may not necessarily be applicable to this product.

NCBI GI #	126302564
NCBI GeneID	27074
NCBI Accession #	Q9UQV4.3
UniProt Primary Accession #	Q9UQV4
UniProt Secondary Accession #	O94781; Q8NEC8; D3DNS4
UniProt Related Accession #	Q9UQV4
NCBI Official Full Name	Lysosome-associated membrane glycoprotein 3
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 3
NCBI Official Symbol	LAMP3
NCBI Official Synonym Symbols	LAMP; CD208; DCLAMP; LAMP-3; TSC403; DC LAMP; DC-LAMP
UniProt Protein Name	Lysosome-associated membrane glycoprotein 3
UniProt Synonym Protein Names	DC-lysosome-associated membrane glycoprotein; DC LAMP; Protein TSC403; CD_antigen: CD208
Protein Family	Lysosome-associated membrane glycoprotein
UniProt Gene Name	LAMP3

UniProt Synonym Gene Names	DCLAMP; TSC403; LAMP-3; Lysosomal-associated membrane protein 3; DC LAMP
UniProt Entry Name	LAMP3_HUMAN
NCBI Protein Information	lysosome-associated membrane glycoprotein 3; DC-lysosome-associated membrane glycoprotein
NCBI Summary for LAMP3	Dendritic cells (DCs) are the most potent antigen-presenting cells. Immature DCs efficiently capture antigens and differentiate into interdigitating dendritic cells (IDCs) in lymphoid tissues that induce primary T-cell responses (summary by de Saint-Vis et al., 1998 [PubMed 9768752]).[supplied by OMIM, Dec 2010]
UniProt Comments for LAMP3	LAMP3: Might change the lysosome function after the transfer of peptide-MHC class II molecules to the surface of dendritic cells. Belongs to the LAMP family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 3q26.3-q27 Cellular Component: lysosomal membrane; integral to membrane Biological Process: cell proliferation; immune system process
Research Articles on LAMP3	**1.** the MCCC1/LAMP3 gene can decrease the risk of Parkinson disease in Chinese population.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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