LAPM5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LAPM5, Polyclonal Antibody
Full Product Name	LAPM5 rabbit pAb
Product Gene Name	anti-LAPM5 antibody
Product Synonym Gene Name	LAPTM5; KIAA0085
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	29,937 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (31205315..31230683, complement). Location: 1p34
OMIM	601476
3D Structure	ModBase 3D Structure for Q13571
Product Categories/Family for anti-LAPM5 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LAPM5 antibody	Western Blot (WB)
Application Notes for anti-LAPM5 antibody	WB: 1:1000-2000
Related Product Information for anti-LAPM5 antibody	MBS8599205 is an antibody targeting LAPM5. Also known as LAPM5 rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-LAPM5 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAPM5. It may not necessarily be applicable to this product.

NCBI GI #	5803056
NCBI GeneID	7805
NCBI Accession #	NP_006753.1
UniProt Primary Accession #	Q13571
UniProt Secondary Accession #	Q13240; Q14698; Q3KP54

UniProt Related Accession #	Q13571
GenBank Nucleotide #	NM_006762.2
NCBI Official Full Name	lysosomal-associated transmembrane protein 5
NCBI Official Synonym Full Names	lysosomal protein transmembrane 5
NCBI Official Symbol	LAPTM5
NCBI Official Synonym Symbols	CLAST6
UniProt Protein Name	Lysosomal-associated transmembrane protein 5
UniProt Synonym Protein Names	Lysosomal-associated multitransmembrane protein 5; Retinoic acid-inducible E3 protein
UniProt Gene Name	LAPTM5
UniProt Synonym Gene Names	KIAA0085
UniProt Entry Name	LAPM5_HUMAN
NCBI Protein Information	lysosomal-associated transmembrane protein 5; retinoic acid-inducible E3 protein; human retinoic acid-inducible E3 protein; CD40-ligand-activated specific transcripts; lysosomal multispanning membrane protein 5; lysosomal-associated multitransmembrane pro
NCBI Summary for LAPM5	This gene encodes a transmembrane receptor that is associated with lysosomes. The encoded protein, also known as E3 protein, may play a role in hematopoiesis. [provided by RefSeq, Feb 2009]
UniProt Comments for LAPM5	Function: May have a special functional role during embryogenesis and in adult hematopoietic cells. Ref.1 Subunit structure: Binds to ubiquitin. Ref.1 Subcellular location: Lysosome membrane; Multi-pass membrane protein Ref.1. Tissue specificity: Preferentially expressed in adult hematopoietic tissues. High levels in lymphoid and myeloid tissues. Highly expressed in peripheral blood leukocytes, thymus, spleen and lung, followed by placenta, liver and kidney. Ref.1 Induction: By retinoic acid. Sequence similarities: Belongs to the LAPTM4/LAPTM5 transporter family. Sequence caution: The sequence BAA07643.1 differs from that shown. Reason: Erroneous initiation.
Research Articles on LAPM5	**1.** The interaction of LAPTM5 with CD1e and their colocalization in antigen processing compartments both suggest that LAPTM5 might influence the role of CD1e in the presentation of lipid antigens.
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