LCP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LCP2, Polyclonal Antibody
Full Product Name	LCP2 (Center) Rabbit pAb
Product Gene Name	anti-LCP2 antibody
Product Synonym Names	Lymphocyte cytosolic protein 2; SH2 domain-containing leukocyte protein of 76 kDa; SLP-76 tyrosine phosphoprotein; SLP76; LCP2
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	601603
3D Structure	ModBase 3D Structure for Q13094
Immunogen	This LCP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 303-337 amino acids from the central region of human LCP2.
Cellular Localization	Cytoplasm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LCP2 antibody	Western Blot (WB)
Application Notes for anti-LCP2 antibody	WB: 1:2000
Related Product Information for anti-LCP2 antibody	MBS8558019 is an antibody targeting LCP2. Also known as LCP2 (Center) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-LCP2 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 LCP2. It may not necessarily be applicable to this product.

NCBI GI #	5031855
NCBI GeneID	3937
NCBI Accession #	NP_005556.1
UniProt Primary Accession #	Q13094
UniProt Related Accession #	Q13094
GenBank Nucleotide #	NP_005556.1

NCBI Official Full Name	lymphocyte cytosolic protein 2
NCBI Official Synonym Full Names	lymphocyte cytosolic protein 2
NCBI Official Symbol	LCP2
NCBI Official Synonym Symbols	SLP76; SLP-76
UniProt Protein Name	Lymphocyte cytosolic protein 2
UniProt Synonym Protein Names	SH2 domain-containing leukocyte protein of 76 kDa; SLP-76 tyrosine phosphoprotein
Protein Family	Digestive cysteine proteinase
UniProt Gene Name	LCP2
UniProt Synonym Gene Names	SLP76
UniProt Entry Name	LCP2_HUMAN
NCBI Protein Information	lymphocyte cytosolic protein 2
NCBI Summary for LCP2	This gene encodes an adapter protein that acts as a substrate of the T cell antigen receptor (TCR)-activated protein tyrosine kinase pathway. The encoded protein associates with growth factor receptor bound protein 2, and is thought to play a role TCR-mediated intracellular signal transduction. A similar protein in mouse plays a role in normal T-cell development and activation. Mice lacking this gene show subcutaneous and intraperitoneal fetal hemorrhaging, dysfunctional platelets and impaired viability. [provided by RefSeq, Nov 2016]
Research Articles on LCP2	**1.** a previously unappreciated role for PLC-gamma1 in the positive regulation of Zap-70 and T-cell receptor tyrosine phosphorylation. Conversely, PLC-gamma1 negatively regulated the phosphorylation of SLP-76-associated proteins, including previously established Lck substrate phosphorylation sites within this complex.
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