

Rabbit anti-Human, Mouse LCP2 Polyclonal Antibody | anti-LCP2 antibody

LCP2 Antibody

CATALOG # AAA305599	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

PRODUCT SYNONYMS

LCP2; Polyclonal Antibody; LCP2 Antibody; SLP76; SLP-76; anti-LCP2 antibody

PRODUCT SPECIFICATIONS

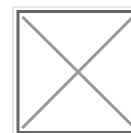
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total LCP2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	533
Applicable Applications for anti-LCP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human LCP2.
Target Name	LCP2
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using NF2 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse spleen using LCP2 antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using LCP2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LCP2 antibody	SLP-76 was originally identified as a substrate of the ZAP-70 protein tyrosine kinase following T cell receptor (TCR) ligation in the leukemic T cell line Jurkat. The SLP-76 locus has been localized to human chromosome 5q33 and the gene structure has been partially characterized in mice. The human and murine cDNAs both encode 533 amino acid proteins that are 72% identical and comprised of three modular domains. The NH2-terminus contains an acidic region that includes a PEST domain and several tyrosine residues which are phosphorylated following TCR ligation. SLP-76 also contains a central proline-rich domain and a COOH-terminal SH2 domain. A number of additional proteins have been identified that associate with SLP-76 both constitutively and inducibly following receptor ligation, supporting the notion that SLP-76 functions as an adaptor or scaffold protein. Studies using SLP-76 deficient T cell lines or mice have provided strong evidence that SLP-76 plays a positive role in promoting T cell development and activation as well as mast cell and platelet function.
Product Categories/Family for anti-LCP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031855
NCBI GeneID	3937
NCBI Accession #	NP_005556.1
NCBI GenBank Nucleotide #	NM_005565.3
UniProt Accession #	Q13094; Q53XV4; A8KA25
Molecular Weight	60,188 Da
NCBI Official Full Name	lymphocyte cytosolic protein 2
NCBI Official Synonym Full Names	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
NCBI Official Symbol	LCP2
NCBI Official Synonym Symbols	SLP76; SLP-76
NCBI Protein Information	lymphocyte cytosolic protein 2
UniProt Protein Name	Lymphocyte cytosolic protein 2
UniProt Gene Name	LCP2
UniProt Synonym Gene Names	SLP76
UniProt Entry Name	LCP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lcp2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305599>