Rabbit anti-Human LCP2/SLP76 Polyclonal Antibody | anti-LCP2/SLP76 antibody

Rabbit anti-LCP2/SLP76 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213171	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

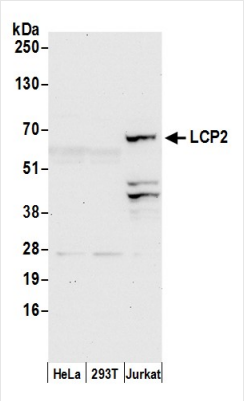
PRODUCT SYNONYMS

LCP2/SLP76; Polyclonal Antibody; Rabbit anti-LCP2/SLP76 Antibody; Affinity Purified; 76 kDa tyrosine phosphoprotein; SLP-76 tyrosine phosphoprotein; SLP-76; SLP76; lymphocyte cytosolic protein 2; SH2 domain-containing leukocyte protein of 76 kDa; Lymphocyte cytosolic protein 2; anti-LCP2/SLP76 antibody

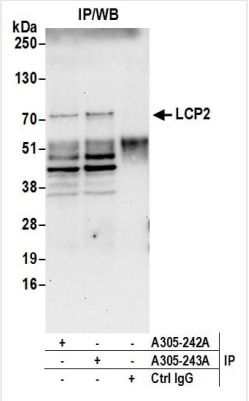
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LCP2/SLP76 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human LCP2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-LCP2 antibody AAA213171 (lot AAA213171-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human LCP2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-LCP2 antibody AAA213171 (lot AAA213171-1) used for IP at 6 ug per reaction. LCP2 was also immunoprecipitated by rabbit anti-LCP2 antibody For blotting immunoprecipitated LCP2, AAA213171 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-LCP2/SLP76 antibody	Lymphocyte cytosolic protein 2 (LCP2) 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. LCP2 also contains a central proline-rich domain and a COOH-terminal SH2 domain. A number of additional proteins have been identified that associate with LCP2 both constitutively and inducibly following receptor ligation, supporting the notion that LCP2 functions as an adaptor or scaffold protein. Studies using SLP-76 deficient T cell lines or mice have provided strong evidence that LCP2 plays a positive role in promoting T cell development and activation as well as mast cell and platelet function [taken from NCBI Entrez Gene (Gene ID: 3937)].
Product Categories/Family for anti-LCP2/SLP76 antibody	Primary Antibodies

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
Molecular Weight	533
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; 76 kDa tyrosine phosphoprotein; SLP-76 tyrosine phosphoprotein; SH2 domain-containing leukocyte protein of 76kD; SH2 domain-containing leukocyte protein of 76 kDa
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-slp76-antibody-immunoprecipitation-western-blot-elisa/213171