

Rabbit LSP Polyclonal Antibody | anti-LSP antibody

Rabbit anti LSP1 Polyclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71421	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

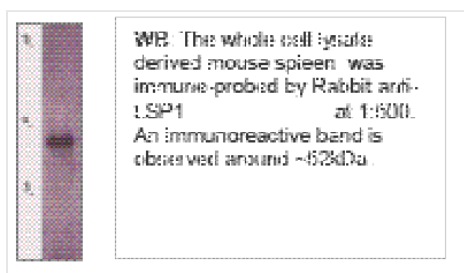
PRODUCT SYNONYMS

LSP; Polyclonal Antibody; Rabbit anti LSP1 Polyclonal antibody; Rabbit anti-- LSP1; Lymphocyte antigen; lymphocyte-specific protein 1 (LSP1);; anti-LSP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody recognizes ~52 kDa of human LSP1 protein. This antibody also reacts with mouse. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Site-specific Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-LSP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-terminus of human lymphocyte-specific protein 1. This sequence is identical to mouse species
Positive Control	Mouse spleen tissue
Cellular Location	Cytoplasmic and membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-LSP antibody	Leukocyte-specific protein 1 (LSP1), an F-actin binding protein and a major downstream substrate of p38 mitogen-activated protein kinase as well as protein kinase C, is important in leukocyte chemotaxis. Two serine residues at positions 204 and 252 are potential phosphorylation sites. The amino acid sequences surrounding these two sites are in agreement with the consensus sequence (Xaa-Xaa-Hyd-Xaa-Arg-Xaa-Xaa-Ser-Xaa-Xaa) for phosphorylation by MAPKAP kinase 2. Both serine residues in human LSP1 and the corresponding conserved serine residues in human and mouse LSP1 are in the basic Cterminal F-actin binding domain. LSP1 is a substrate for MAPKAP kinase 2 in vitro and that the phosphorylation sites are located in the basic C-terminal domain of LSP1.
References	Lixin Liu, et al. LSP1 is an endothelial gatekeeper of leukocyte transendothelial migration. (2005), JEM, 201 (3): 409-418.

NCBI AND UNIPROT INFORMATION

NCBI GI #	581127
UniProt Accession #	P00804
Molecular Weight	~52 kDa
NCBI Official Full Name	lsp
UniProt Protein Name	Lipoprotein signal peptidase
UniProt Gene Name	lspA
UniProt Entry Name	LSPA_ECOLI

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsp-antibody-immunohistochemistry-western-blot-elisa/71421>