

Rabbit anti-Human LSP1 Polyclonal Antibody | anti-LSP1 antibody

LSP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324813	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

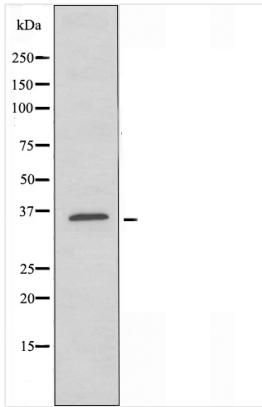
PRODUCT SYNONYMS

LSP1; Polyclonal Antibody; LSP1 Antibody; 47 kDa actin binding protein; 47 kDa actin-binding protein; 52 kDa phosphoprotein; F actin binding and cytoskeleton associated protein; Leufactin (leukocyte F-actin binding protein); Leufactin; Leukocyte F actin binding protein; Leukocyte specific protein 1; LSP 1; Lsp1; LSP1_HUMAN; Lymphocyte specific antigen WP34; Lymphocyte specific protein 1; Lymphocyte specific protein pp52; Lymphocyte-specific antigen WP34; Lymphocyte-specific protein 1; OTTHUMP00000014138; OTTHUMP00000014139; OTTHUMP00000014140; OTTHUMP00000069612; OTTHUMP00000069614; OTTHUMP00000069615; OTTHUMP00000069616; pp52; Protein pp52; S37 protein; WP 34; WP34; anti-LSP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	LSP1 antibody detects endogenous levels of total LSP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-LSP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Activated T-lymphocytes.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Dog, Chicken, Xenopus
Similarity	Pig (92%), Zebrafish (92%), Bovine (92%), Dog (100%), Chicken (83%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells using LSP1 antibody.



IF (Immunofluorescence)

AAA324813 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LSP1 antibody	Function: May play a role in mediating neutrophil activation and chemotaxis. Subunit Structure: Binds actin. Post-translational Modifications: Phosphorylated by casein kinase II, protein kinase C and MAPKAPK2. Phosphorylation by PKC induces translocation from membrane to cytoplasm. Phosphorylation by MAPKAPK2 may regulate neutrophil chemotaxis (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61742789
NCBI GeneID	4046
NCBI Accession #	NP_001013271.1
NCBI GenBank Nucleotide #	NM_001013253.1
UniProt Accession #	P33241; Q16096; Q53H48; Q6FHM3; Q9BUY8; B3KPP1; B3KRR6; E9PBV6; E9PFP3
Molecular Weight	Observed: 37 kD Predicted: 38 kDa
NCBI Official Full Name	lymphocyte-specific protein 1 isoform 2
NCBI Official Synonym Full Names	lymphocyte specific protein 1
NCBI Official Symbol	LSP1
NCBI Official Synonym Symbols	WP34; pp52
NCBI Protein Information	lymphocyte-specific protein 1
UniProt Protein Name	Lymphocyte-specific protein 1
UniProt Gene Name	LSP1
UniProt Synonym Gene Names	WP34; pp52

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.