

Product datasheet

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ARG55377 anti-LSP1 antibody

Package: 50 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes LSP1

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name LSP1

Species Human

Immunogen Synthetic peptide corresponding to aa. 121-149 of Human LSP1.

Conjugation Un-conjugated

Alternate Names Lymphocyte-specific protein 1; pp52; 52 kDa phosphoprotein; 47 kDa actin-binding protein; WP34;

Lymphocyte-specific antigen WP34

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Daudi	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (without Mg2+ and Ca2+, pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 4046 Human

Swiss-port # P33241 Human

Gene Symbol LSP1

Gene Full Name lymphocyte-specific protein 1

Background This gene encodes an intracellular F-actin binding protein. The protein is expressed in lymphocytes,

neutrophils, macrophages, and endothelium and may regulate neutrophil motility, adhesion to fibrinogen matrix proteins, and transendothelial migration. Alternative splicing results in multiple

transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Function May play a role in mediating neutrophil activation and chemotaxis. [UniProt]

Research Area Immune System antibody; Signaling Transduction antibody

Calculated Mw 37 kDa

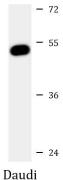
PTM Phosphorylated by casein kinase II, protein kinase C and MAPKAPK2. Phosphorylation by PKC induces

translocation from membrane to cytoplasm. Phosphorylation by MAPKAPK2 may regulate neutrophil

chemotaxis (By similarity).

Cell membrane; Peripheral membrane protein; Cytoplasmic side

Images



ARG55377 anti-LSP1 antibody WB image

Western blot: 35 μg of Daudi cell lysate stained with ARG55377 anti-LSP1 antibody at 1:1000 dilution.

Daudi