

## 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 Mg <sup>2+</sup> and Ca <sup>2+</sup> , 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	<a href="#">GeneID: 4046 Human</a> <a href="#">Swiss-port # P33241 Human</a>
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).
Cellular Localization	Cell membrane; Peripheral membrane protein; Cytoplasmic side

## Images

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