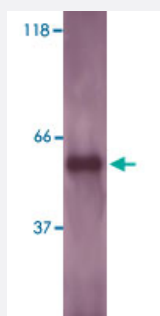


LSP1 polyclonal antibody

Catalog # PAB12702 Size 100 ug

Applications



Western Blot (Tissue lysate)

The tissue lysate derived mouse spleen was immune-probed by LSP1 polyclonal antibody (Cat # PAB12702) at 1 : 500. An immunoreactive band is observed around ~52kDa.

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of LSP1.

Immunogen A synthetic peptide corresponding to C-terminus of human LSP1.

Host Rabbit

Theoretical MW (kDa) 52

Reactivity Human, Mouse

Specificity This antibody recognizes ~52 KDa of human LSP1 protein.

Form Liquid

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage

- Western Blot (0.1-1 ug/mL)
- ELISA (0.01-0.1 ug/mL)
- Immunoprecipitation (2-5 ug/mL)
- Immunohistochemistry (2-10 ug/mL)
- The optimal working dilution should be determined by the end user.

Storage Buffer In TBS, pH 7.2 (BSA, 10% Proclin300)

Storage Instruction

Store at 4°C. For long term storage store at -20~-80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

The tissue lysate derived mouse spleen was immune-probed by LSP1 polyclonal antibody (Cat # PAB12702) at 1 : 500. An immunoreactive band is observed around ~52kDa.

- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LSP1

Entrez GeneID	4046
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Gene Name	LSP1
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Gene Alias	WP34, pp52
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Gene Description	lymphocyte-specific protein 1
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Omim ID	153432
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes an intracellular F-actin binding protein. The protein is expressed in lymphocyte s, neutrophils, macrophages, and endothelium and may regulate neutrophil motility, adhesion to fi brinogen matrix proteins, and transendothelial migration. Alternative splicing results in multiple tra nscript variants encoding different isoforms. [provided by RefSeq
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Other Designations	47 kDa actin binding protein 52 kDa phosphoprotein F-actin binding and cytoskeleton associated protein OTTHUMP00000014139 OTTHUMP00000069612 leufactin (leukocyte F-actin binding pr otein) leukocyte-specific protein 1 lymphocyte-specific antigen WP34 lympho
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Publication Reference

- [LSP1 is an endothelial gatekeeper of leukocyte transendothelial migration.](#)

Liu L, Cara DC, Kaur J, Raharjo E, Mullaly SC, Jongstra-Bilen J, Jongstra J, Kubes P.

The Journal of Experimental Medicine 2005 Feb; 201(3):409.

Application: IF, WB, Human, Mouse, HUVECs, Mouse leukocytes, lung endothelial cells

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