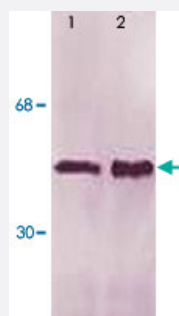


LSP1 (phospho S252) polyclonal antibody

Catalog # PAB12633 Size 100 ug

Applications



Western Blot

The whole cell lysate derived from m-CSF stimulated Jurket cells (Lane 1) or mouse spleen (Lane 2) were immune-probed by LSP1 (phospho S252) polyclonal antibody (Cat # PAB12633) at 1 : 500. An immunoreactive band is observed around ~ 52 KDa.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of LSP1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S252 of human LSP1.
Host	Rabbit
Theoretical MW (kDa)	52
Reactivity	Human, Mouse
Specificity	This antibody recognizes ~52 KDa of human LSP1 at a phosphorylated serine 252. It does not recognize non-phosphorylated peptides confirmed by dot blot.
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 (2-5 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°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

The whole cell lysate derived from m-CSF stimulated Jurket cells (Lane 1) or mouse spleen (Lane 2) were immune-probed by LSP1 (phospho S252) polyclonal antibody (Cat # PAB12633) at 1 : 500. An immunoreactive band is observed around ~ 52 KDa.

- Immunohistochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LSP1

Entrez GeneID[4046](#)**Gene Name**

LSP1

Gene Alias

WP34, pp52

Gene Description

lymphocyte-specific protein 1

Omim ID[153432](#)**Gene Ontology**[Hyperlink](#)**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

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

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.

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