

**Goat Anti-LASP1 (internal region) Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1612a****Specification**

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**Goat Anti-LASP1 (internal region) Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q14847</a>
Other Accession	<a href="#">NP_006139</a> , <a href="#">3927</a>
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	29717

**Goat Anti-LASP1 (internal region) Antibody - Additional Information****Gene ID** 3927**Other Names**

LIM and SH3 domain protein 1, LASP-1, Metastatic lymph node gene 50 protein, MLN 50, LASP1, MLN50

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-LASP1 (internal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-LASP1 (internal region) Antibody - Protein Information****Name** LASP1**Synonyms** MLN50

**Function**

Plays an important role in the regulation of dynamic actin- based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types (By similarity).

**Cellular Location**

Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Note=Associated with the F-actin rich cortical cytoskeleton.

**Goat Anti-LASP1 (internal region) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-LASP1 (internal region) Antibody - Images**

AF1612a (0.1 µg/ml) staining of Human Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-LASP1 (internal region) Antibody - Background**

This gene encodes a member of a LIM protein subfamily characterized by a LIM motif and a domain of Src homology region 3. The encoded protein functions as an actin-binding protein and possibly in cytoskeletal organization.

**Goat Anti-LASP1 (internal region) Antibody - References**

Nuclear localisation of LASP-1 correlates with poor long-term survival in female breast cancer. Frietsch JJ, et al. Br J Cancer, 2010 May 25. PMID 20461080.  
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.  
Integrin-dependent translocation of LASP-1 to the cytoskeleton of activated platelets correlates with

LASP-1 phosphorylation at tyrosine 171 by Src-kinase. Traenka J, et al. Thromb Haemost, 2009 Sep. PMID 19718473.

Proteomic identification of LASP-1 down-regulation after RNAi urokinase silencing in human hepatocellular carcinoma cells. Salvi A, et al. Neoplasia, 2009 Feb. PMID 19177205.

LIM and SH3 protein 1 (Lasp1) is a novel p53 transcriptional target involved in hepatocellular carcinoma. Wang B, et al. J Hepatol, 2009 Mar. PMID 19155088.