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Goat Anti-LASP1 (internal region) Antibody

Peptide-affinity purified goat antibody
Catalog # AF1612a

Specification

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

Application	**WB**
Primary Accession	Q14847
Other Accession	NP_006139, 3927
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

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 Cytomety
- 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.

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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.