

**LASP1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14992c**

**Specification**

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**LASP1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q14847](#)

**LASP1 Antibody (Center) Blocking Peptide - 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**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**LASP1 Antibody (Center) Blocking Peptide - 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.

**LASP1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **LASP1 Antibody (Center) Blocking Peptide - Images**

### **LASP1 Antibody (Center) Blocking Peptide - 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.

### **LASP1 Antibody (Center) Blocking Peptide - References**

Traenka, C., et al. Cancer Res. 70(20):8003-8014(2010) Zhao, L., et al. FEBS J. 277(20):4195-4204(2010) Zhao, L., et al. Gut 59(9):1226-1235(2010) Rose, J.E., et al. Mol. Med. 16(7-8), 247-253 (2010) :Frietsch, J.J., et al. Br. J. Cancer 102(11):1645-1653(2010)