

**LSAMP Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9113c****Specification**

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**LSAMP Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q13449](#)**LSAMP Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4045**Other Names**

Limbic system-associated membrane protein, LSAMP, IGLON family member 3, LSAMP, IGLON3, LAMP

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9113c](/products/AP9113c) was selected from the Center region of human LSAMP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**LSAMP Antibody (Center) Blocking Peptide - Protein Information****Name** LSAMP**Synonyms** IGLON3, LAMP**Function**

Mediates selective neuronal growth and axon targeting. Contributes to the guidance of developing axons and remodeling of mature circuits in the limbic system. Essential for normal growth of the hippocampal mossy fiber projection (By similarity).

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location**

Expressed on limbic neurons and fiber tracts as well as in single layers of the superior colliculus,

spinal cord and cerebellum

### **LSAMP Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

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

### **LSAMP Antibody (Center) Blocking Peptide - Background**

The protein is a neuronal surface glycoprotein found in cortical and subcortical regions of the limbic system. During development of the limbic system, this encoded protein is found on the surface of axonal membranes and growth cones, where it acts as a selective homophilic adhesion molecule, and guides the development of specific patterns of neuronal connections.

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

Yen,C.C., et.al., Int. J. Oncol. 35 (4), 775-788 (2009)Kresse,S.H., et.al., Genes Chromosomes Cancer 48 (8), 679-693 (2009)