

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

FormatPeptides 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**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)

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 chord and cerebellum

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

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

- [Blocking Peptides](#)