

C20orf103 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5452b**Specification**

C20orf103 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9UJO1](#)
Other Accession [NP_036393.1](#)

C20orf103 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 24141

Other Names

Lysosome-associated membrane glycoprotein 5, Brain and dendritic cell-associated LAMP, Brain-associated LAMP-like protein, BAD-LAMP, Lysosome-associated membrane protein 5, LAMP-5, LAMP5, C20orf103

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.

C20orf103 Antibody (C-term) Blocking peptide - Protein Information

Name LAMP5

Synonyms C20orf103

Function

Plays a role in short-term synaptic plasticity in a subset of GABAergic neurons in the brain.

Cellular Location

Cell membrane; Single-pass type I membrane protein Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:Q9D387}; Single-pass type I membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q9D387}; Single-pass type I membrane protein. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9D387}. Cell projection, growth cone membrane {ECO:0000250|UniProtKB:Q9D387}; Single-pass type I membrane protein. Early endosome membrane {ECO:0000250|UniProtKB:Q9D387}; Single-pass type I membrane protein. Recycling endosome {ECO:0000250|UniProtKB:Q9D387}. Note=Recycles from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane (By similarity). Colocalizes with UNC93B1

in large endosomal intracellular vesicles (PubMed:21642595). Accumulates in the endoplasmic reticulum- Golgi intermediate compartment (ERGIC) before its disappearance upon activation by CpG dinucleotides (PubMed:21642595). Associates with cortical membranes (PubMed:21642595). Localizes mostly in cytoplasmic vesicles of neuronal cell body (By similarity). Localizes to synaptic vesicles in a subset of GABAergic neurons (By similarity) {ECO:0000250|UniProtKB:Q9D387, ECO:0000269|PubMed:21642595}

Tissue Location

Expressed in plasmacytoid dendritic cells. Expressed in suprabasal skin keratinocytes and squamous cells (at protein level). Expressed in the brain and weakly in spleen and skin Expressed in plasmacytoid dendritic cells

C20orf103 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C20orf103 Antibody (C-term) Blocking peptide - Images