

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

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**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**