

SCAMP5 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5484a**Specification**

SCAMP5 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O8TAC9](#)
Other Accession [NP_620417.1](#)

SCAMP5 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 192683

Other Names

Secretory carrier-associated membrane protein 5, Secretory carrier membrane protein 5, hSCAMP5, SCAMP5

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.

SCAMP5 Antibody (N-term) Blocking peptide - Protein Information

Name SCAMP5

Function

Required for the calcium-dependent exocytosis of signal sequence-containing cytokines such as CCL5. Probably acts in cooperation with the SNARE machinery. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) in case of endoplasmic reticulum stress by inhibiting the endocytosis pathway.

Cellular Location

Cell membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Recycling endosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi-pass membrane protein. Note=Mainly localizes in Golgi apparatus membrane. Upon calcium-triggered exocytosis, it translocates to the cell membrane. Highly enriched in synaptic vesicles (By similarity).

Tissue Location

Expressed both by neuronal and non-neuronal tissues. Expressed in brain, stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and in the different parts of brain. In

thyroid tissues, it is expressed by the follicular epithelial cells. In the adrenal gland tissues it is detected in the zona fasciculata of the cortex region (at protein level)

SCAMP5 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SCAMP5 Antibody (N-term) Blocking peptide - Images