abcepta

C16orf62 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4981b

Specification

C16orf62 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	Q7Z3J2
Other Accession	NP_064710

C16orf62 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57020

Other Names
UPF0505 protein C16orf62, Esophageal cancer-associated protein, C16orf62

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.

C16orf62 Antibody (C-term) Blocking Peptide - Protein Information

Name VPS35L (HGNC:24641)

Function
Acts as a component of the retriever complex. The retriever complex is a heterotrimeric complex related to retromer cargo-selective complex (CSC) and essential for retromer-independent retrieval and recycling of numerous cargos such as integrin alpha-5/beta-1 (ITGA5:ITGB1) (PubMed:28892079). The recruitment of the retriever complex to the endosomal membrane involves CCC and WASH complexes (PubMed:28892079). In the endosomes, drives the retrieval and recycling of NxxY-motif-containing cargo proteins by coupling to SNX17, a cargo essential for the homeostatic maintenance of numerous cell surface proteins associated with processes that include cell migration, cell adhesion, nutrient supply and cell signaling (PubMed:28892079). Involved in copper-dependent ATP7A trafficking between the trans-Golgi network and vesicles in the cell periphery; the function is proposed to depend on its association with the CCC complex and cooperation with the WASH complex on early endosomes. Seems not to be required for CCC complex stability (PubMed:25355947).

Cellular Location
Membrane; Single-pass membrane protein. Endosome. Note=Endosome location is dependent of the association with the CCC and WASH complexes

C16orf62 Antibody (C-term) Blocking Peptide - Protocols

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

• [Blocking Peptides](#)

C16orf62 Antibody (C-term) Blocking Peptide - Images

C16orf62 Antibody (C-term) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Loftus, B.J., et al. Genomics 60(3):295-308(1999)