

VTa1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9570b**Specification**

VTa1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NP79](#)**VTa1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51534**Other Names**

Vacuolar protein sorting-associated protein VTA1 homolog, Dopamine-responsive gene 1 protein, DRG-1, LYST-interacting protein 5, LIP5, SKD1-binding protein 1, SBP1, VTA1, C6orf55

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.

VTa1 Antibody (Center) Blocking Peptide - Protein Information**Name** VTA1**Synonyms** C6orf55**Function**

Involved in the endosomal multivesicular bodies (MVB) pathway. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. Thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. Involved in the sorting and down-regulation of EGFR (By similarity). Involved in HIV-1 budding.

Cellular Location

Cytoplasm. Endosome membrane; Peripheral membrane protein

VTa1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

VTa1 Antibody (Center) Blocking Peptide - Images

VTa1 Antibody (Center) Blocking Peptide - Background

C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes (Ward et al., 2005 [PubMed 15644320]).

VTa1 Antibody (Center) Blocking Peptide - References

Ward, D.M., et al. J. Biol. Chem. 280(11):10548-10555(2005) Fujita, H., et al. J. Cell. Sci. 117 (PT 14), 2997-3009 (2004) Chernev, V.T., et al. Mol. Med. 8(1):56-64(2002)