10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VTA1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9570b

Specification

VTA1 Antibody (Center) Blocking Peptide - Product Information

Primary 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

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