

VPS33B Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19629c**Specification****VPS33B Antibody (Center) Blocking Peptide -
Product Information****VPS33B Antibody (Center) Blocking Peptide -
Additional Information****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.

**VPS33B Antibody (Center) Blocking Peptide -
Protein Information****VPS33B Antibody (Center) Blocking
Peptide - Protocols**

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

- [Blocking Peptides](#)

**VPS33B Antibody (Center) Blocking
Peptide - Background**

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.

**VPS33B Antibody (Center) Blocking
Peptide - References**

Jang, J.Y., et al. J. Pediatr. Gastroenterol. Nutr. 48(3):348-354(2009) Zhu, G.D., et al. Mol. Biol. Cell 20(4):1223-1240(2009) Verma, R., et al. Biol. Psychiatry 63(12):1185-1189(2008) Bach, H., et al. Cell Host Microbe 3(5):316-322(2008) HersHKovitz, D., et al. Arch Dermatol 144(3):334-340(2008)