

**C14orf133 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9104c****Specification**

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**C14orf133 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9H9C1](#)**C14orf133 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 63894**Other Names**

Spermatogenesis-defective protein 39 homolog, hSPE-39, VPS33B-interacting protein in apical-basolateral polarity regulator, VPS33B-interacting protein in polarity and apical restriction, VIPAS39, C14orf133, SPE39, VIPAR

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9104c](/products/AP9104c) was selected from the Center region of human C14orf133. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**C14orf133 Antibody (Center) Blocking Peptide - Protein Information****Name** VIPAS39**Synonyms** C14orf133, SPE39, VIPAR**Function**

Proposed to be involved in endosomal maturation implicating in part VPS33B. In epithelial cells, the VPS33B:VIPAS39 complex may play a role in the apical RAB11A-dependent recycling pathway and in the maintenance of the apical-basolateral polarity (PubMed:[20190753](http://www.uniprot.org/citations/20190753)). May play a role in lysosomal trafficking, probably via association with the core HOPS complex in a discrete population of endosomes; the functions seems to be independent of VPS33B (PubMed:[19109425](http://www.uniprot.org/citations/19109425)). May play a role in vesicular trafficking during spermatogenesis (By similarity). May be involved in direct or

indirect transcriptional regulation of E-cadherin (By similarity).

**Cellular Location**

Cytoplasm. Cytoplasmic vesicle. Early endosome. Recycling endosome Late endosome.

Note=Colocalizes in clusters with VPS33B at cytoplasmic organelles (PubMed:19109425)

**C14orf133 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**C14orf133 Antibody (Center) Blocking Peptide - Images****C14orf133 Antibody (Center) Blocking Peptide - References**

Zhu,G.D., et.al., Mol. Biol. Cell 20 (4), 1223-1240 (2009)Rush,J., et.al., Nat. Biotechnol. 23 (1), 94-101 (2005)