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

C14orf133 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9104c

Specification

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 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). 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). 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)