

CCDC132 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17514b**Specification**

CCDC132 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96JG6](#)**CCDC132 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55610**Other Names**

Coiled-coil domain-containing protein 132, CCDC132, KIAA1861

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.

CCDC132 Antibody (C-term) Blocking Peptide - Protein Information**Name** VPS50 ([HGNC:25956](#))**Function**

Acts as a component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane. Within the EARP complex, required to tether the complex to recycling endosomes. Not involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN).

Cellular Location

Recycling endosome. Membrane {ECO:0000250|UniProtKB:F1LSG8}. Note=Associates with membranes in an EIPR1-dependent manner. {ECO:0000250|UniProtKB:F1LSG8}

Tissue Location

Ubiquitous, with higher expression in brain and skeletal muscle.

CCDC132 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCDC132 Antibody (C-term) Blocking Peptide - Images

CCDC132 Antibody (C-term) Blocking Peptide - Background

The function of this protein remains unknown.

CCDC132 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)