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CCDC132 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17514b

Specification

CCDC132 Antibody (C-term) Blocking Peptide - Product Information

Primary 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)