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TBC14 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP10993c

Specification

TBC14 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9P2M4

TBC14 Antibody (Center) Blocking peptide - Additional Information

Gene ID 57533

Other Names
TBC1 domain family member 14, TBC1D14, KIAA1322

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.

TBC14 Antibody (Center) Blocking peptide - Protein Information

Name TBC1D14

Synonyms KIAA1322

Function
Plays a role in the regulation of starvation-induced autophagosome formation (PubMed:22613832). Together with the TRAPPIII complex, regulates a constitutive trafficking step from peripheral recycling endosomes to the early Golgi, maintaining the cycling pool of ATG9 required for initiation of autophagy.

Cellular Location
Golgi apparatus, cis-Golgi network. Golgi apparatus, trans-Golgi network Note=After amino acid starvation, Golgi apparatus-associated protein levels increase compared with fed conditions. May be cycling between the Golgi apparatus and an endosomal pool, redistributing to the Golgi apparatus upon starvation

TBC14 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

TBC14 Antibody (Center) Blocking peptide - Images

TBC14 Antibody (Center) Blocking peptide - Background

May act as a GTPase-activating protein for Rab family protein(s) (By similarity).

TBC14 Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Ishibashi, K., et al. Genes Cells 14(1):41-52(2009)Tempel, W., et al. Proteins 71(1):497-502(2008)