

**TBC14 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10993c****Specification**

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**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:&lt;a href="http://www.uniprot.org/citations/22613832" target="\_blank"&gt;22613832&lt;/a&gt;). 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**

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)