

TBC1D1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17252c**Specification**

TBC1D1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q86TI0](#)

TBC1D1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 23216

Other Names

TBC1 domain family member 1, TBC1D1, KIAA1108

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.

TBC1D1 Antibody (Center) Blocking Peptide - Protein Information

Name TBC1D1

Synonyms KIAA1108

Function

May act as a GTPase-activating protein for Rab family protein(s). May play a role in the cell cycle and differentiation of various tissues. Involved in the trafficking and translocation of GLUT4-containing vesicles and insulin-stimulated glucose uptake into cells (By similarity).

Cellular Location

Nucleus.

TBC1D1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TBC1D1 Antibody (Center) Blocking Peptide - Images

TBC1D1 Antibody (Center) Blocking Peptide - Background

TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6; MIM 604334), yeast Bub2, and CDC16 (MIM 603461) (White et al., 2000 [PubMed 10965142]). [supplied by OMIM].

TBC1D1 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642 (2009) Ishibashi, K., et al. Genes Cells 14(1):41-52 (2009) Must, A., et al. Neuromolecular Med. 11(1):13-19 (2009)