

TTC19 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6744b**Specification**

TTC19 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6DKK2](#)**TTC19 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 54902**Other Names**

Tetratricopeptide repeat protein 19, mitochondrial, TPR repeat protein 19, TTC19

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6744b](/products/AP6744b) was selected from the C-term region of human TTC19. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

TTC19 Antibody (C-term) Blocking Peptide - Protein Information**Name** TTC19**Function**

Required for the preservation of the structural and functional integrity of mitochondrial respiratory complex III by allowing the physiological turnover of the Rieske protein UQCRCF1 (PubMed: [21278747](http://www.uniprot.org/citations/21278747), PubMed: [28673544](http://www.uniprot.org/citations/28673544)). Involved in the clearance of UQCRCF1 N-terminal fragments, which are produced upon incorporation of UQCRCF1 into the complex III and whose presence is detrimental for its catalytic activity (PubMed: [28673544](http://www.uniprot.org/citations/28673544)).

Cellular Location

Mitochondrion inner membrane

TTC19 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TTC19 Antibody (C-term) Blocking Peptide - Images

TTC19 Antibody (C-term) Blocking Peptide - References

Tsang,H.T., Genomics 88 (3), 333-346 (2006)