

**C19orf52 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10985a****Specification**

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**C19orf52 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9BSF4](#)  
Other Accession [NP\\_612367.1](#)

**C19orf52 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 90580

**Other Names**

Uncharacterized protein C19orf52, C19orf52

**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.

**C19orf52 Antibody (N-term) Blocking peptide - Protein Information**

**Name** TIMM29 ([HGNC:25152](#))

**Synonyms** c19orf52

**Function**

Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. Required for the stability of the TIM22 complex and functions in the assembly of the TIMM22 protein into the TIM22 complex. May facilitate cooperation between TIM22 and TOM complexes by interacting with TOMM40.

**Cellular Location**

Mitochondrion inner membrane; Single-pass membrane protein; Intermembrane side

**C19orf52 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**C19orf52 Antibody (N-term) Blocking peptide - Images**

**C19orf52 Antibody (N-term) Blocking peptide - References**

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :