

DNAJC19 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6542b**Specification**

DNAJC19 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96DA6](#)**DNAJC19 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 131118**Other Names**

Mitochondrial import inner membrane translocase subunit TIM14, DnaJ homolog subfamily C member 19, DNAJC19, TIM14, TIMM14

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6542b](/products/AP6542b) was selected from the C-term region of human DNAJC19. 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.

DNAJC19 Antibody (C-term) Blocking Peptide - Protein Information**Name** DNAJC19**Synonyms** TIM14, TIMM14**Function**

Mitochondrial co-chaperone which forms a complex with prohibitins to regulate cardiolipin remodeling (By similarity). May be a component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity (By similarity).

Cellular LocationMitochondrion inner membrane; Single-pass membrane protein; Matrix side
{ECO:0000250|UniProtKB:Q9CQV7}

Tissue Location

Ubiquitously expressed.

DNAJC19 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DNAJC19 Antibody (C-term) Blocking Peptide - Images**DNAJC19 Antibody (C-term) Blocking Peptide - Background**

DNAJC19 is a probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. The protein may act as a co-chaperone that stimulate the ATP-dependent activity.

DNAJC19 Antibody (C-term) Blocking Peptide - References

Sparkes,R., Cardiol Young 17 (2), 215-217 (2007) Davey,K.M., J. Med. Genet. 43 (5), 385-393 (2006) Mokranjac,D., EMBO J. 22 (19), 4945-4956 (2003)