

# **DNAJC19 Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP6542c

### **Specification**

### **DNAJC19 Antibody (Center) Blocking Peptide - Product Information**

**Primary Accession** 

**Q96DA6** 

## DNAJC19 Antibody (Center) 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 <a href=/products/AP6542c>AP6542c</a> was selected from the Center 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 (Center) 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 Location**

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



**Tissue Location**Ubiquitously expressed.

## **DNAJC19 Antibody (Center) Blocking Peptide - Protocols**

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

• Blocking Peptides

**DNAJC19 Antibody (Center) Blocking Peptide - Images** 

# **DNAJC19 Antibody (Center) 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 (Center) 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)