

TIMM9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17579c**Specification**

TIMM9 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9Y5J7](#)**TIMM9 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 26520**Other Names**

Mitochondrial import inner membrane translocase subunit Tim9, TIMM9, TIM9, TIM9A, TIMM9A

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.

TIMM9 Antibody (Center) Blocking Peptide - Protein Information**Name** TIMM9**Synonyms** TIM9, TIM9A, TIMM9A**Function**

Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space.

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Intermembrane side

Tissue Location

Ubiquitous, with highest expression in heart, kidney, liver and skeletal muscle.

TIMM9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TIMM9 Antibody (Center) Blocking Peptide - Images

TIMM9 Antibody (Center) Blocking Peptide - Background

TIMM9 belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.

TIMM9 Antibody (Center) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Webb, C.T., et al. Mol. Cell
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Biol. Chem. 277(39):36100-36108(2002) Rothbauer, U., et al. J. Biol. Chem.
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