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TIMM22 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18240c

Specification

TIMM22 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9Y584

TIMM22 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 29928

Other Names
Mitochondrial import inner membrane translocase subunit Tim22, Testis-expressed sequence 4, TIMM22, TEX4, TIM22

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.

TIMM22 Antibody (Center) Blocking Peptide - Protein Information

Name TIMM22

Synonyms TEX4, TIM22

Function
Essential core component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. In the TIM22 complex, it constitutes the voltage-activated and signal-gated channel. Forms a twin-pore translocase that uses the membrane potential as external driving force in 2 voltage-dependent steps (By similarity).

Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

TIMM22 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

TIMM22 Antibody (Center) Blocking Peptide - Images

TIMM22 Antibody (Center) Blocking Peptide - Background

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TIMM22 Antibody (Center) Blocking Peptide - References

Muhlenbein, N., et al. J. Biol. Chem. 279(14):13540-13546(2004)Kovermann, P., et al. Mol. Cell 9(2):363-373(2002)Bauer, M.F., et al. FEBS Lett. 464 (1-2), 41-47 (1999) :