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TIMM23 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP14103b

Specification

TIMM23 Antibody (C-term) Blocking peptide - Product Information

Primary Accession O14925

TIMM23 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 100287932

Other Names
Mitochondrial import inner membrane translocase subunit Tim23, TIMM23, TIM23

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP14103b was selected from the C-term region of TIMM23. 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.

TIMM23 Antibody (C-term) Blocking peptide - Protein Information

Name TIMM23

Synonyms TIM23

Function
Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.

Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

TIMM23 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

TIMM23 Antibody (C-term) Blocking peptide - Images

TIMM23 Antibody (C-term) Blocking peptide - Background

Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.

TIMM23 Antibody (C-term) Blocking peptide - References

Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010)Guo, Y., et al. J. Biol. Chem. 279(23):24813-24825(2004)Yamamoto, H., et al. Cell 111(4):519-528(2002)Moro, F., et al. EMBO J. 18(13):3667-3675(1999)Bauer, M.F., et al. J. Mol. Biol. 289(1):69-82(1999)