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TIMM23 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14103B

Specification

TIMM23 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O14925
Other Accession	Q9WTQ8, A4IFL0, Q5SRD1, XP_002343027.1, NP_006318.1
Reactivity	**Human**
Predicted	**Bovine, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**130-158**

TIMM23 Antibody (C-term) - Additional Information

Gene ID 100287932

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

Target/Specificity
This TIMM23 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-158 amino acids from the C-terminal region of human TIMM23.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TIMM23 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMM23 Antibody (C-term) - 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.

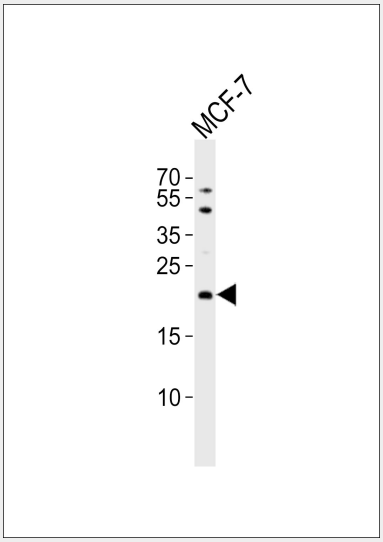
Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

TIMM23 Antibody (C-term) - Protocols

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

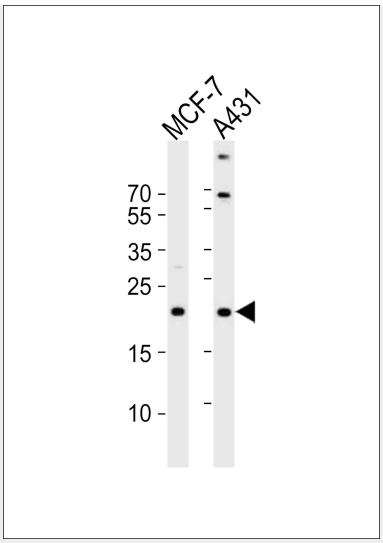
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIMM23 Antibody (C-term) - Images



Western blot analysis of lysate from MCF-7 cell line, using TIMM23 Antibody (C-term)(Cat. #AP14103b). AP14103b was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

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Western blot analysis of lysates from MCF-7, A431 cell line (from left to right), using TIMM23 Antibody (C-term)(Cat. #AP14103b). AP14103b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

TIMM23 Antibody (C-term) - 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) - 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)

TIMM23 Antibody (C-term) - Citations

- Mitochondrion-processed TERC regulates senescence without affecting telomerase activities.