

Rabbit TIMM23 Polyclonal Antibody | anti-TIMM23 antibody

TIMM23 Antibody (C-term)

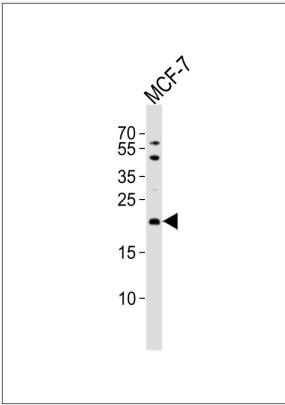
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288294	Rabbit	Human (Predicted Reactivity: Mouse, Bovine)	ELISA, Western Blot

PRODUCT SYNONYMS

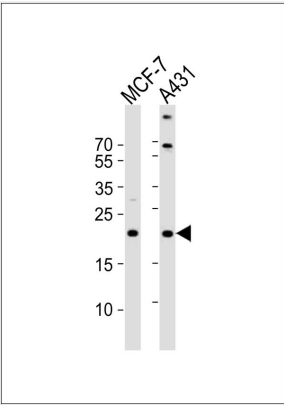
TIMM23; Polyclonal Antibody; TIMM23 Antibody (C-term); Mitochondrial import inner membrane translocase subunit Tim23; TIM23; anti-TIMM23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	130-158
Sequence Length	209
Applicable Applications for anti-TIMM23 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysate from MCF-7 cell line, using TIMM23 Antibody (C-term). AAA288294 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.



WB (Western Blot)
Western blot analysis of lysates from MCF-7, A431 cell line (from left to right), using TIMM23 Antibody (C-term). AAA288294 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.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMM23 antibody	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.
Product Categories/Family for anti-TIMM23 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454122
NCBI GeneID	100287932
NCBI Accession #	NP_006318.1
NCBI GenBank Nucleotide #	NM_006327.3
UniProt Accession #	O14925; Q53FF8; Q5T1E6; Q6P5S5
Molecular Weight	21943
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim23
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 23 homolog (yeast)
NCBI Official Symbol	TIMM23
NCBI Official Synonym Symbols	TIM23
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim23
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim23
UniProt Gene Name	TIMM23
UniProt Synonym Gene Names	TIM23
UniProt Entry Name	TIM23_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/timm23-antibody-western-blot-elisa/288294>