

Rabbit anti-Human TIMM50 Polyclonal Antibody | anti-TIMM50 antibody

TIMM50 Antibody (N-term)

CATALOG # AAA287487	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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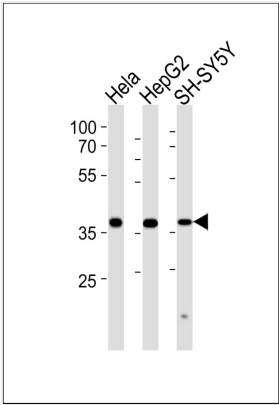
PRODUCT SYNONYMS

TIMM50; Polyclonal Antibody; TIMM50 Antibody (N-term); Mitochondrial import inner membrane translocase subunit TIM50; TIM50; anti-TIMM50 antibody

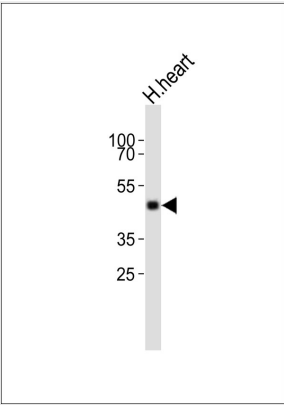
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TIMM50 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 25-56 amino acids from the N-terminal region of human TIMM50.
Purity/Purification	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: 0.5 (varies by lot)
Sequence Length	456
Applicable Applications for anti-TIMM50 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
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.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from HeLa, HepG2, SH-SY5Y cell line (from left to right), using TIMM50 Antibody (N-term). AAA287487 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysate from human heart tissue lysate, using TIMM50 Antibody (N-term). AAA287487 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 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMM50 antibody	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo. Isoform 2 may participate in the release of snRNPs and SMN from the Cajal body.
Product Categories/Family for anti-TIMM50 antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Guo Y.,et al.J. Biol. Chem. 279:24813-24825(2004). Zheng H.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases. Grimwood J.,et al.Nature 428:529-535(2004). Zhang C.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases. Bienvenut W.V.,et al.Submitted (JUN-2005) to UniProtKB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48526509
NCBI GeneID	92609
NCBI Accession #	NP_001001563.1
NCBI GenBank Nucleotide #	NM_001001563.1
UniProt Accession #	Q3ZCQ8; Q330K1; Q6QA00; Q96FJ5; Q96GY2; Q9H370
Molecular Weight	39646
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit TIM50
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae)
NCBI Official Symbol	TIMM50
NCBI Official Synonym Symbols	TIM50; TIM50L
NCBI Protein Information	mitochondrial import inner membrane translocase subunit TIM50
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit TIM50
UniProt Gene Name	TIMM50
UniProt Synonym Gene Names	TIM50

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/timm50-antibody-western-blot-elisa/287487>