

Rabbit Tim23 Polyclonal Antibody | anti-Tim23 antibody

Tim23 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322879	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

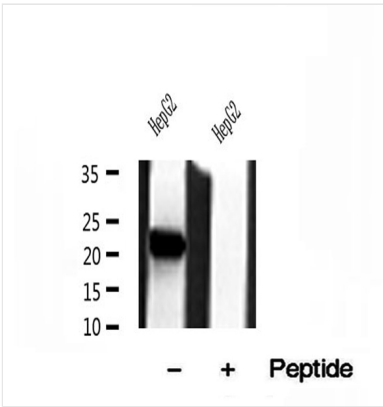
PRODUCT SYNONYMS

Tim23; Polyclonal Antibody; Tim23 Antibody; MGC22767; MGC93478; Mitochondrial import inner membrane translocase subunit Tim23; Predicted protein of HQ1197; PRO1197; TIM23; TIMM 23; TIMM23; Translocase of inner mitochondrial membrane 23 (yeast) homolog; Translocase of inner mitochondrial membrane 23 homolog (yeast); Translocase of inner mitochondrial membrane 23 homolog B; Translocation of mitochondrial precursor proteins; anti-Tim23 antibody

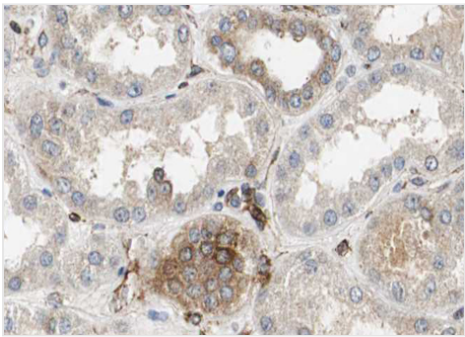
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Tim23 antibody detects endogenous levels of Tim23.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-Tim23 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Tim23.
Subcellular Location	Mitochondrion Inner Membrane; Multipass Membrane Protein.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Xenopus
Similarity	Zebrafish (92%), Bovine (100%), Horse (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells, using Tim23 antibody.



IHC (Immunohistochemistry)
AAA322879 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-Tim23 antibody	Function: Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Subunit Structure: Component of the TIM23 complex at least composed of TIMM23, TIMM17 (TIMM17A or TIMM17B) and TIMM50; within this complex, directly interacts with TIMM50. The complex interacts with the TIMM44 component of the PAM complex and with DNAJC15. Similarity: Belongs to the Tim17/Tim22/Tim23 family.
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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	Observed: 22 kDa Predicted: 22 kDa
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim23
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 23
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

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.