

Rabbit TIMM17B Polyclonal Antibody | anti-TIMM17B antibody

TIMM17B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323155	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

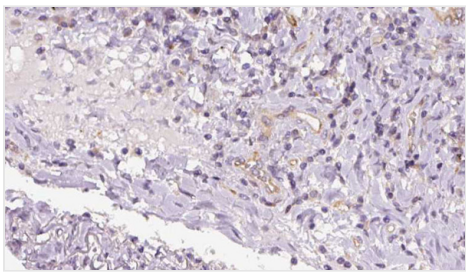
PRODUCT SYNONYMS

TIMM17B; Polyclonal Antibody; TIMM17B Antibody; DXS9822; Inner mitochondrial membrane preprotein translocase; JM3; Mitochondrial import inner membrane translocase subunit Tim17-B; TI17B_HUMAN; Tim17b; Translocase of inner mitochondrial membrane 17 homolog B (yeast); anti-TIMM17B antibody

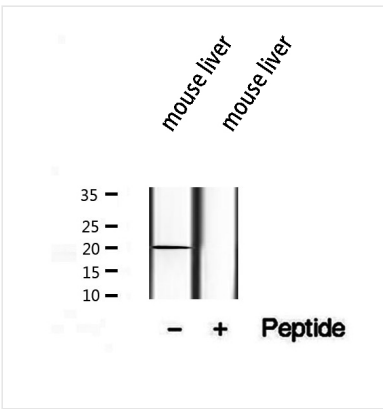
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TIMM17B antibody detects endogenous levels of TIMM17B.
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	222
Applicable Applications for anti-TIMM17B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TIMM17B.
Subcellular Location	Mitochondrion Inner Membrane.
Tissue Specificity	Expression is abundant in heart and skeletal muscle, intermediate in brain, and weak in pancreas, placenta, kidney and liver.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323155 at 1/100 staining Human lymph cancer 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.



WB (Western Blot)
Western blot analysis of extracts from mouse liver, using TIMM17B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMM17B 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. The complex interacts with the TIMM44 component of the PAM complex and with DNAJC15. Post-translational Modifications: Forms one disulfide bond. Similarity: Belongs to the Tim17/Tim22/Tim23 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269784613
NCBI GeneID	10245
NCBI Accession #	NP_001161419.1
NCBI GenBank Nucleotide #	NM_001167947.2
UniProt Accession #	O60830; Q9UJV0; A8K2E2; J3KPV3
Molecular Weight	Observed: 17-20 kDa Predicted: 19 kDa
NCBI Official Full Name	mitochondrial import inner membrane translocase subunit Tim17-B isoform 1
NCBI Official Synonym Full Names	translocase of inner mitochondrial membrane 17B
NCBI Official Symbol	TIMM17B
NCBI Official Synonym Symbols	JM3; TIM17B; DXS9822
NCBI Protein Information	mitochondrial import inner membrane translocase subunit Tim17-B
UniProt Protein Name	Mitochondrial import inner membrane translocase subunit Tim17-B
UniProt Gene Name	TIMM17B
UniProt Synonym Gene Names	TIM17B

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.