

Rabbit TOM70 Polyclonal Antibody | anti-TOM70 antibody

TOM70 Antibody

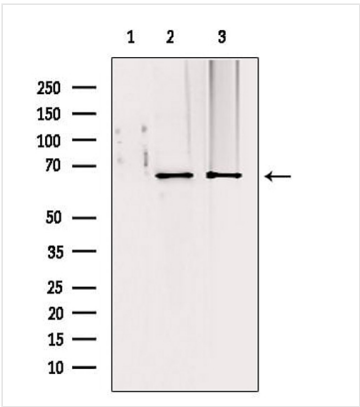
CATALOG # AAA322872	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

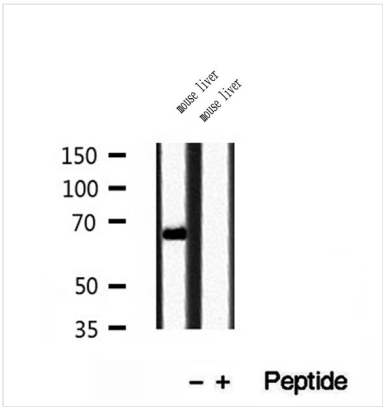
TOM70; Polyclonal Antibody; TOM70 Antibody; FLJ9047; Mitochondrial import receptor subunit TOM70; Mitochondrial precursor proteins import receptor; TOM70_HUMAN; Tomm70a; Translocase of outer membrane 70 kDa subunit; Translocase of outer membrane TOM70; Translocase of outer mitochondrial membrane 70 homolog A; anti-TOM70 antibody

PRODUCT SPECIFICATIONS

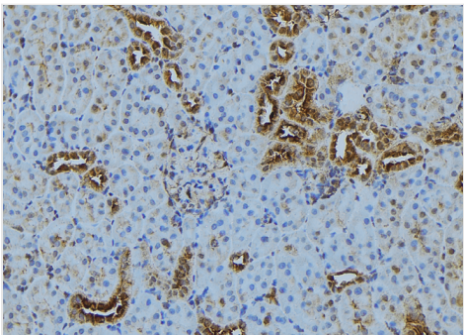
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TOM70 antibody detects endogenous levels of TOM70.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	608
Applicable Applications for anti-TOM70 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TOM70.
Subcellular Location	Mitochondrion Outer Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from various samples, using TOM70 antibody. Lane 1: HepG2 treated with blocking peptide. Lane 2: HepG2; Lane 3: 293;



WB (Western Blot)
Western blot analysis of extracts of mouse liver tissue, using TOM70 antibody.



IHC (Immunohistochemistry)
AAA322872 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-TOM70 antibody	Function: Receptor that accelerates the import of all mitochondrial precursor proteins. Subunit Structure: Forms part of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex) which consists of at least 7 different proteins (TOMM5, TOMM6, TOMM7, TOMM20, TOMM22, TOMM40 and TOMM70). Interacts with CAPN8 (By similarity). Similarity: Belongs to the Tom70 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607135
NCBI GeneID	9868
NCBI Accession #	NP_055635.3
NCBI GenBank Nucleotide #	NM_014820.4
UniProt Accession #	O94826; D3DN48
Molecular Weight	Observed: 67 kDa Predicted: 68 kDa
NCBI Official Full Name	mitochondrial import receptor subunit TOM70
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 70
NCBI Official Symbol	TOMM70

NCBI Official Synonym Symbols	Tom70; TOMM70A
NCBI Protein Information	mitochondrial import receptor subunit TOM70
UniProt Protein Name	Mitochondrial import receptor subunit TOM70
UniProt Gene Name	TOMM70
UniProt Synonym Gene Names	KIAA0719; TOM70; TOMM70A

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://stage.aaabiotech.com/polyclonal/tom70-antibody-immunohistochemistry-western-blot-elisa/322872>