

Rabbit TOM40 Polyclonal Antibody | anti-TOM40 antibody

TOM40 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323063	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TOM40; Polyclonal Antibody; TOM40 Antibody; C19orf1; D19S1177E; Haymaker protein; Mitochondrial import receptor subunit TOM40 homolog; Mitochondrial outer membrane protein; Mitochondrial outer membrane protein TOM40; p38.5; PER EC1; PEREC1; Probable mitochondrial import receptor subunit TOM40 homolog; Protein Haymaker; TOM40_HUMAN; TOMM40; Translocase of outer membrane 40 kDa subunit homolog; Translocase of outer mitochondrial membrane 40; Translocase of outer mitochondrial membrane 40 homolog (yeast); Translocase of outer mitochondrial membrane 40 homolog; yeast; homolog of; anti-TOM40 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TOM40 antibody detects endogenous levels of TOM40.
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	361
Applicable Applications for anti-TOM40 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TOM40, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323063 at 1/100 staining Rat 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using TOM40 Antibody. Lane 1: B16F10 cells, treated with blocking peptide; Lane 2: B16F10 cells; Lane 3: Mouse heart.

ADDITIONAL INFORMATION

Related Product Information for anti-TOM40 antibody	Channel-forming protein essential for import of protein precursors into mitochondria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	193083120
NCBI GeneID	10452
NCBI Accession #	NP_001122388.1
NCBI GenBank Nucleotide #	NM_001128916.1
UniProt Accession #	O96008; Q86VW4; Q8WY09; Q8WY10; Q8WY11; Q9BR95; A0A024R0P9
Molecular Weight	38 kDa
NCBI Official Full Name	mitochondrial import receptor subunit TOM40 homolog
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 40
NCBI Official Symbol	TOMM40
NCBI Official Synonym Symbols	TOM40; PEREC1; C19orf1; PER-EC1; D19S1177E
NCBI Protein Information	mitochondrial import receptor subunit TOM40 homolog
UniProt Protein Name	Mitochondrial import receptor subunit TOM40 homolog
UniProt Gene Name	TOMM40
UniProt Synonym Gene Names	C19orf1; PEREC1; TOM40

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tom40-antibody-immunohistochemistry-western-blot-elisa/323063>