

Rabbit TOMM40 Polyclonal Antibody | anti-TOMM40 antibody

TOMM40 Polyclonal Antibody

CATALOG # AAA10745	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry
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PRODUCT SYNONYMS

TOMM40; Polyclonal Antibody; TOMM40 Polyclonal Antibody; tomm40: TOM40; PEREC1; C19orf1; PER-EC1; D19S1177E; anti-TOMM40 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	361
Applicable Applications for anti-TOMM40 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
Cross-Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human TOMM40 (NP_001122389.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis of U2OS cells using TOMM40 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TOMM40 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-TOMM40 antibody	The protein encoded by this gene is localized in the outer membrane of the mitochondria. It is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for import of protein precursors into mitochondria. Alternatively spliced transcript variants have been found for this gene.
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Product Categories/Family for anti-TOMM40 antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12230369
NCBI GeneID	10452
UniProt Accession #	O96008; Q86VW4; Q8WY09; Q8WY10; Q8WY11; Q9BR95
Molecular Weight	Observed MW: 38kDa Calculated MW: 38kDa
NCBI Official Full Name	Mitochondrial import receptor subunit TOM40 homolog
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 40 homolog (yeast)
NCBI Official Symbol	TOMM40
NCBI Official Synonym Symbols	TOM40; PEREC1; C19orf1; PER-EC1; D19S1177E
NCBI Protein Information	mitochondrial import receptor subunit TOM40 homolog; p38.5; protein Haymaker; mitochondrial outer membrane protein; translocase of outer membrane 40 kDa subunit homolog
UniProt Protein Name	Mitochondrial import receptor subunit TOM40 homolog
UniProt Gene Name	TOMM40
UniProt Synonym Gene Names	C19orf1; PEREC1; TOM40
UniProt Entry Name	TOM40_HUMAN

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/tomm40-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/10745>