

Rabbit TOMM20 Polyclonal Antibody | anti-TOMM20 antibody

TOMM20 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324844	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

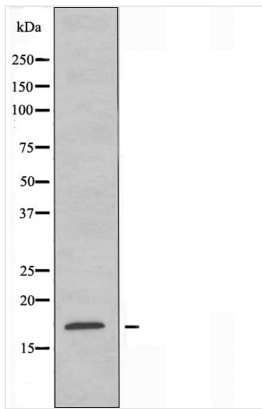
PRODUCT SYNONYMS

TOMM20; Polyclonal Antibody; TOMM20 Antibody; KIAA0016; MAS20; MGC117367; Mitochondrial 20 kDa outer membrane protein; Mitochondrial import receptor subunit TOM20 homolog; MOM19; Outer mitochondrial membrane receptor Tom20; TOM20; TOM20_HUMAN; Translocase of outer mitochondrial membrane 20 homolog (yeast); Translocase of outer mitochondrial membrane 20 homolog type II; anti-TOMM20 antibody

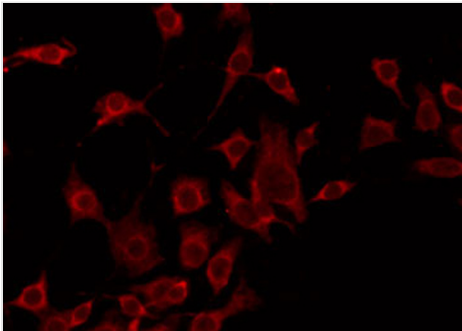
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TOMM20 antibody detects endogenous levels of total TOMM20
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	145
Applicable Applications for anti-TOMM20 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion Outer Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

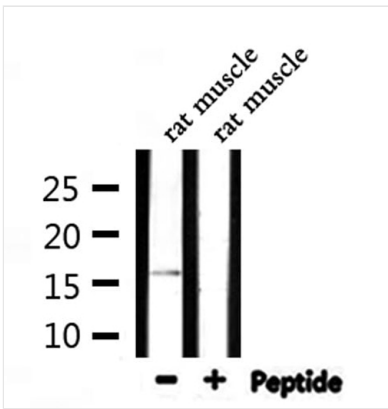
IMAGES



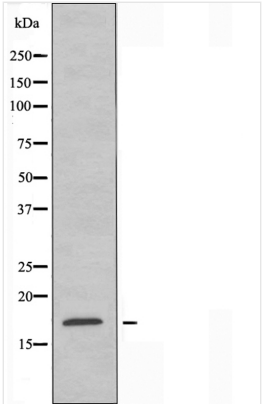
WB (Western Blot)
Western blot analysis of extracts from HeLa cells using TOMM20 antibody.



IF (Immunofluorescence)
AAA324844 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from rat muscle, using TOMM20 Antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells using TOMM20 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TOMM20 antibody	Function: Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). 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 TOM22. Interacts with APEX1. Post-translational Modifications: Ubiquitinated by PRKN during mitophagy, leading to its degradation and enhancement of mitophagy. Deubiquitinated by USP30. Similarity: Belongs to the Tom20 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657257
NCBI GeneID	9804
NCBI Accession #	NP_055580.1
NCBI GenBank Nucleotide #	NM_014765.2
UniProt Accession #	Q15388; Q498B3; Q6IBT4; A8K195
Molecular Weight	Observed: 17 kD Predicted: 17 kDa

NCBI Official Full Name	mitochondrial import receptor subunit TOM20 homolog
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 20
NCBI Official Symbol	TOMM20
NCBI Official Synonym Symbols	MAS20; MOM19; TOM20
NCBI Protein Information	mitochondrial import receptor subunit TOM20 homolog
UniProt Protein Name	Mitochondrial import receptor subunit TOM20 homolog
UniProt Gene Name	TOMM20
UniProt Synonym Gene Names	KIAA0016

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/tomm20-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324844>