

Rabbit anti-Human, Mouse TOM20 Polyclonal Antibody | anti-TOM20 antibody

TOM20 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282281	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

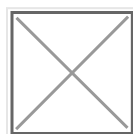
PRODUCT SYNONYMS

TOM20; Polyclonal Antibody; TOM20 Rabbit pAb; TOMM20; MAS20; MOM19; translocase of outer mitochondrial membrane 20; anti-TOM20 antibody

PRODUCT SPECIFICATIONS

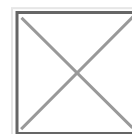
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	GKENTSDPSL VIAFGRGHTL TLNFTRNATR YSVQLMSFVY NLS DTHLFPN ASSKEIKTVE SITDIRADID KKYRCVSGTQ VHMNNVTVT L HDATIQAYLS NSSFSRGETR CEQDRSPPTT APPAPPSPSP SPVPKSPSVD KYNVSGTNGT CLLASMGLQL NLTYERKDNT TVTRLLNIN
Applicable Applications for anti-TOM20 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-145 of human TOM20 (NP_055580.1).
Cellular Location	Mitochondrion outer membrane, Single-pass membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] TOM20 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using [KO Validated] TOM20 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TOM20 antibody	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. Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.
Product Categories/Family for anti-TOM20 antibody	Cancer; Signal Transduction; Endocrine & Metabolism; Mitochondrial metabolism; Mitochondrial Biogenesis; Mitochondrial markers; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	112380628
NCBI GeneID	3916
NCBI Accession #	NP_005552.3
NCBI GenBank Nucleotide #	NM_005561.3
UniProt Accession #	P11279; Q8WU33; Q96I40; Q9BRD2; Q9NP13
Molecular Weight	44,882 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LAMPA; CD107a; LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1; LAMP-1; CD107 antigen-like family member A; lysosome-associated membrane protein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1
UniProt Entry Name	LAMP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tom20-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282281>