

Rabbit TOM1L2 Polyclonal Antibody | anti-TOM1L2 antibody

TOM1L2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329022	Rabbit	Human, Mouse, Rat Predicted Reactivity: Horse(88%), Dog(88%), Chicken(88%), Xenopus(88%)	ELISA

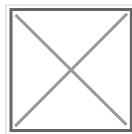
PRODUCT SYNONYMS

TOM1L2; Polyclonal Antibody; TOM1L2 Antibody; FLJ32746; Srebf1; Target of Myb-like protein 2; Target of myb1 like 2; Target of myb1-like 2 (chicken); TM1L2_HUMAN; TOM1; TOM1-like 2; TOM1-like protein 2; TOM1L 2; Tom1l2; anti-TOM1L2 antibody

PRODUCT SPECIFICATIONS

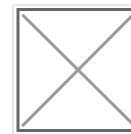
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Horse(88%), Dog(88%), Chicken(88%), Xenopus(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	TOM1L2 Antibody detects endogenous levels of total TOM1L2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-TOM1L2 antibody	ELISA
Immunogen	A synthesized peptide derived from human TOM1L2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329022 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329022 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329022 at 1/100 staining Mouse heart 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.



IHC (Immunohistochemistry)

AAA329022 at 1/100 staining Rat heart 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 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 3T3, using TOM1L2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TOM1L2 antibody

Function: Probable role in protein transport. May regulate growth factor-induced mitogenic signaling.

Tissue Specificity: Ubiquitously expressed with higher expression in heart and skeletal muscle.

Subunit Structure: Interacts with clathrin, SRC and TOLLIP.

Similarity: The GAT domain mediates interaction with TOLLIP. Belongs to the TOM1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	131888135
NCBI GeneID	146691
NCBI Accession #	NP_001076437
NCBI GenBank Nucleotide #	NP_001076437.1
UniProt Accession #	Q6ZVM7
Molecular Weight	Observed Molecular Weight: (Observed)55kD. Predicted Molecular Weight: (Calculated)56kDa.
NCBI Official Full Name	TOM1-like protein 2 isoform 3
NCBI Official Synonym Full Names	target of myb1 like 2 membrane trafficking protein
NCBI Official Symbol	TOM1L2
NCBI Protein Information	TOM1-like protein 2
UniProt Protein Name	TOM1-like protein 2
UniProt Gene Name	TOM1L2

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/tom1l2-antibody-elisa/329022>