

Rabbit TOM1L1 Polyclonal Antibody | anti-TOM1L1 antibody

Anti-TOM1L1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19585	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

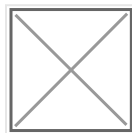
PRODUCT SYNONYMS

TOM1L1; Polyclonal Antibody; Anti-TOM1L1 Antibody Picoband; anti-TOM1L1 antibody

PRODUCT SPECIFICATIONS

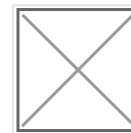
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TOM1L1 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Application Notes	WB: 0.1-0.25 ug/ml, Human IHC-P: 2-5 ug/ml, Human, Mouse, Rat FC/FACS: 1-3 ug/1x10 ⁶ cells, Human Direct ELISA: 0.1-0.5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TOM1L1 recombinant protein (Position: D9-D448).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

IMAGES



FCM (Flow Cytometry)

Figure 9. Flow Cytometry analysis of JK cells using anti-TOM1L1 antibody (AAA19585). Overlay histogram showing JK cells stained with AAA19585 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TOM1L1 Antibody (AAA19585, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IHC (Immunohistochemistry)

Figure 8. IHC analysis of TOM1L1 using anti-TOM1L1 antibody (AAA19585). TOM1L1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TOM1L1 Antibody (AAA19585) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



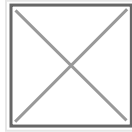
IHC (Immunohistochemistry)

Figure 7. IHC analysis of TOM1L1 using anti-TOM1L1 antibody (AAA19585). TOM1L1 was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TOM1L1 Antibody (AAA19585) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



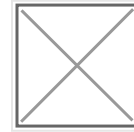
IHC (Immunohistochemistry)

Figure 6. IHC analysis of TOM1L1 using anti-TOM1L1 antibody (AAA19585). TOM1L1 was detected in a paraffin-embedded section of human prostate adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TOM1L1 Antibody (AAA19585) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 5. IHC analysis of TOM1L1 using anti-TOM1L1 antibody (AAA19585). TOM1L1 was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TOM1L1 Antibody (AAA19585) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 4. IHC analysis of TOM1L1 using anti-TOM1L1 antibody (AAA19585). TOM1L1 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-TOM1L1 Antibody (AAA19585) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-TOM1L1 antibody	TOM1-like protein 1 is a protein that in humans is encoded by the TOM1L1 gene. Enables clathrin binding activity and protein kinase binding activity. Involved in negative regulation of mitotic nuclear division; positive regulation of protein phosphorylation; and signal transduction. Located in cytosol and endosome.
Product Categories/Family for anti-TOM1L1 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	191252812
NCBI GeneID	10040
NCBI Accession #	NP_005477.2
NCBI GenBank Nucleotide #	NM_005486.2
UniProt Accession #	O75674 ; Q53G06 ; Q8N749
Molecular Weight	38,713 Da
NCBI Official Full Name	TOM1-like protein 1
NCBI Official Synonym Full Names	target of myb1 (chicken)-like 1
NCBI Official Symbol	TOM1L1
NCBI Official Synonym Symbols	SRCASM; OK/KNS-CL.3
NCBI Protein Information	TOM1-like protein 1; target of myb1-like 1; target of myb 1-like 1; target of Myb-like protein 1; Src activating and signaling molecule; src-activating and signaling molecule protein
UniProt Protein Name	TOM1-like protein 1
UniProt Gene Name	TOM1L1
UniProt Synonym Gene Names	SRCASM

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/tom1l1-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/19585>