

Rabbit TOMM70A Polyclonal Antibody | anti-TOMM70A antibody

TOMM70A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288665	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

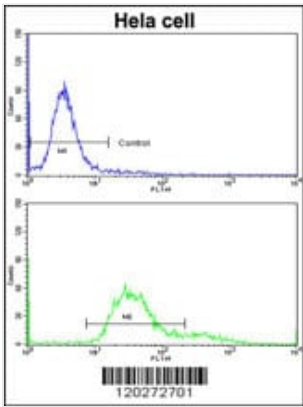
PRODUCT SYNONYMS

TOMM70A; Polyclonal Antibody; TOMM70A Antibody (C-term); Mitochondrial import receptor subunit TOM70; Mitochondrial precursor proteins import receptor; Translocase of outer membrane 70 kDa subunit; KIAA0719; TOM70; anti-TOMM70A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TOMM70A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 579-608 amino acids from the C-terminal region of human TOMM70A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	579-608
Sequence Length	608
Applicable Applications for anti-TOMM70A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

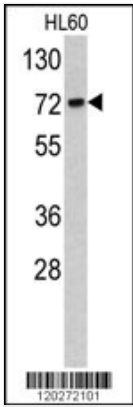
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of hela cells using TOMM70A Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram) FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with TOMM70A Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TOMM70A antibody (C-term) in HL60 cell line lysates (35ug/lane). TOMM70A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TOMM70A antibody	The translocase of outer mitochondrial membrane (TOM) complex is a multisubunit complex involved in the recognition, unfolding, and translocation of preproteins into the mitochondria.
Product Categories/Family for anti-TOMM70A antibody	Metabolism; Signal Transduction
References	Blesa,J.R., Gene 427 (1-2), 58-64 (2008) Chou,C.H., Mol. Biol. Cell 17 (9), 3952-3963 (2006) Edmonson,A.M., Cell Commun. Adhes. 9 (1), 15-27 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607135
NCBI GeneID	9868
NCBI Accession #	NP_055635.3
NCBI GenBank Nucleotide #	NM_014820.4
UniProt Accession #	O94826; D3DN48
Molecular Weight	67455

NCBI Official Full Name	mitochondrial import receptor subunit TOM70
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae)
NCBI Official Symbol	TOMM70A
NCBI Protein Information	mitochondrial import receptor subunit TOM70
UniProt Protein Name	Mitochondrial import receptor subunit TOM70
UniProt Gene Name	TOMM70A
UniProt Synonym Gene Names	KIAA0719; TOM70
UniProt Entry Name	TOM70_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/tomm70a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288665>