

TOMM34 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21061a

Product Information

Application	WB, E
Primary Accession	Q15785
Reactivity	Human, Rat, Mouse
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49506
Calculated MW	34559

Additional Information

Gene ID	10953
Other Names	Mitochondrial import receptor subunit TOM34, hTom34, Translocase of outer membrane 34 kDa subunit, TOMM34, URCC3
Target/Specificity	This TOMM34 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 156-188 amino acids from the Central region of human TOMM34.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TOMM34 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TOMM34
Synonyms	URCC3
Function	Plays a role in the import of cytosolically synthesized preproteins into mitochondria. Binds the mature portion of precursor proteins. Interacts with

cellular components, and possesses weak ATPase activity. May be a chaperone-like protein that helps to keep newly synthesized precursors in an unfolded import compatible state.

Cellular Location	Cytoplasm. Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side
Tissue Location	Ubiquitous.

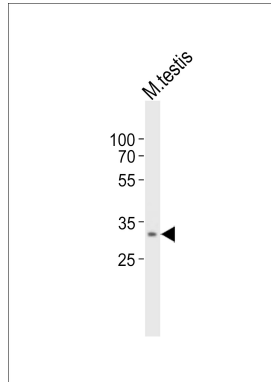
Background

Plays a role in the import of cytosolically synthesized preproteins into mitochondria. Binds the mature portion of precursor proteins. Interacts with cellular components, and possesses weak ATPase activity. May be a chaperone-like protein that helps to keep newly synthesized precursors in an unfolded import compatible state.

References

Nuttall S.D.,et al.DNA Cell Biol. 16:1067-1074(1997).
Shimokawa T.,et al.Int. J. Oncol. 29:381-386(2006).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of lysate from mouse testis tissue, using TOMM34 Antibody (Center)(Cat. #AP21061a). AP21061a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.