



Rabbit Anti-TOMM70A antibody

SL17319R

Product Name:	TOMM70A
Chinese Name:	TOMM70A蛋白抗体
Alias:	FLJ9047; Mitochondrial import receptor subunit TOM70; Mitochondrial precursor proteins import receptor; TOM70; TOM70_HUMAN; Tomm70a; Translocase of outer membrane 70 kDa subunit; Translocase of outer membrane TOM70; Translocase of outer mitochondrial membrane 70 homolog A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	67kDa
Cellular localization:	cytoplasmic Mitochondrion
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TOMM70A:21-120/608
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes an import receptor of the outer mitochondrial membrane that is part of the translocase of the outer membrane complex. This protein is involved in the import of mitochondrial precursor proteins. [provided by RefSeq, Oct 2011]

Function:

Receptor that accelerates the import of all mitochondrial precursor proteins.

Subcellular Location:

Mitochondrion outer membrane.

Similarity:

Belongs to the Tom70 family.

Contains 10 TPR repeats.

SWISS:

O94826

Gene ID:

9868

Database links:

[Entrez Gene: 9868](#) Human

[Entrez Gene: 28185](#) Mouse

[Entrez Gene: 304017](#) Rat

[Omim: 606081](#) Human

[SwissProt: O94826](#) Human

[SwissProt: Q9CZW5](#) Mouse

[SwissProt: Q75Q39](#) Rat

[Unigene: 227253](#) Human

[Unigene: 213292](#) Mouse

[Unigene: 61703](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:

Sample:

Hela Cell Lysate at 30 ug

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-TOMM70A (SL17319R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 67 kD

Observed band size: 67 kD

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