



## Rabbit Anti-TIMM17A antibody

SL6739R

<b>Product Name:</b>	TIMM17A
<b>Chinese Name:</b>	Mitochondrion内膜转位酶抗体
<b>Alias:</b>	Inner membrane preprotein translocase Tim17a; Mitochondrial import inner membrane translocase subunit Tim17-A; mitochondrial inner membrane translocase; preprotein translocase; TI17A_HUMAN; TIM17; TIM17A; TIMM17A; translocase of inner mitochondrial membrane 17 homolog A (yeast); TI17A_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	18kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TIMM17A:31-80/171
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.Belongs to the Tim17/Tim22/Tim23 family.

**Function:**

Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.

**Subunit:**

Component of the TIM23 complex at least composed of TIMM23, TIMM17 (TIMM17A or TIMM17B) and TIMM50. The complex interacts with the TIMM44 component of the PAM complex.

**Subcellular Location:**

Mitochondrion inner membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the Tim17/Tim22/Tim23 family.

**SWISS:**

Q99595

**Gene ID:**

10440

**Database links:**

[Entrez Gene: 10440](#)Human

[Entrez Gene: 21854](#)Mouse

[Entrez Gene: 54311](#)Rat

[Omim: 605057](#)Human

[SwissProt: Q99595](#)Human

[SwissProt: Q9Z0V8](#)Mouse

[SwissProt: O35092](#)Rat

[Unigene: 20716](#)Human

[Unigene: 2368](#)Mouse

[Unigene: 22514](#)Rat

**Important Note:**

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