

**TIMM50 Antibody**  
Rabbit mAb  
Catalog # AP92258

## Specification

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### TIMM50 Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">O3ZCQ8</a>
Clonality	Monoclonal
<b>Other Names</b>	
TIM50; TIM50L; TIMM50;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39646 Da

### TIMM50 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TIMM50
Description	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### TIMM50 Antibody - Protein Information

**Name** TIMM50

**Synonyms** TIM50

#### Function

Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo.

#### Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein

#### Tissue Location

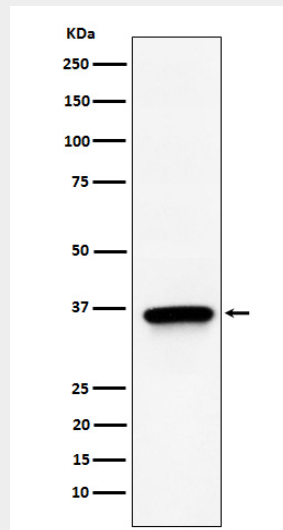
Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level)

### TIMM50 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TIMM50 Antibody - Images



Western blot analysis of TIMM50 expression in 293T cell lysate.