

**TIMM10 Antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15981****Specification**

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**TIMM10 Antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">P62072</a>
Other Accession	<a href="#">NM_012456</a> , <a href="#">NP_036588</a>
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9kDa KDa

**TIMM10 Antibody - middle region - Additional Information****Gene ID** 26519**Alias Symbol** TIMM10, TIM10A**Other Names**

Mitochondrial import inner membrane translocase subunit Tim10, TIMM10, TIM10

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**Add 50  $\mu$ l of distilled water. Final Anti-TIMM10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.**Precautions**

TIMM10 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**TIMM10 Antibody - middle region - Protein Information****Name** TIMM10**Synonyms** TIM10**Function**

Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial

intermembrane space.

#### Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Intermembrane side

#### Tissue Location

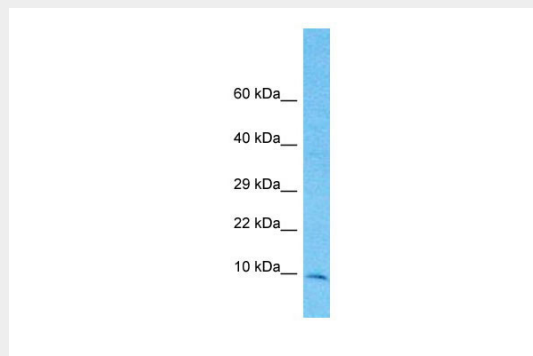
Ubiquitous, with highest expression in heart, kidney, liver and skeletal muscle.

### TIMM10 Antibody - middle region - 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](#)

### TIMM10 Antibody - middle region - Images



Host: Rabbit

Target Name: TIMM10

Sample Tissue: 721\_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml TIMM10 is supported by BioGPS gene expression data to be expressed in 721\_B

### TIMM10 Antibody - middle region - Background

Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space.

### TIMM10 Antibody - middle region - References

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Jin H., et al. *Genomics* 61:259-267(1999).

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Rothbauer U., et al. *J. Biol. Chem.* 276:37327-37334(2001).