

# TOMM70 (PT1881R) PT™ Rabbit mAb

CatalogNo: YM960110 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, IP, ELISA

### MW

- 67kD (Calculated)
- 72kD (Observed)

### Isotype

- IgG, Kappa

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

## Recommended Dilution Ratios

**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

## Basic Information

**Clonality** Monoclonal**Clone Number** PT1881R

## Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** TOMM70A KIAA0719 TOMM70

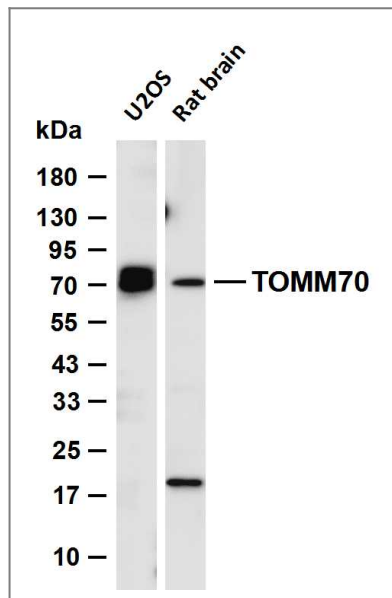
**Protein Name** Mitochondrial import receptor subunit TOMM70 (Mitochondrial precursor proteins import receptor) (Translocase of outer membrane 70 kDa subunit)

Organism	Gene ID	UniProt ID
Human	<a href="#">9868</a> ;	<a href="#">Q94826</a> ;
Mouse	<a href="#">28185</a> ;	<a href="#">Q9CZW5</a> ;
Rat	<a href="#">304017</a> ;	<a href="#">Q75Q39</a> ;

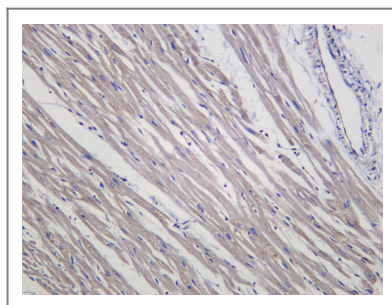
**Cellular Localization** Mitochondrion outer membrane ; Single-pass membrane protein .

**Function** Acts as receptor of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex). Recognizes and mediates the translocation of mitochondrial preproteins from the cytosol into the mitochondria in a chaperone dependent manner . Mediates TBK1 and IRF3 activation induced by MAVS in response to Sendai virus infection and promotes host antiviral responses during virus infection . Upon Sendai virus infection, recruits HSP90AA1:IRF3:BAX in mitochondrion and the complex induces apoptosis .

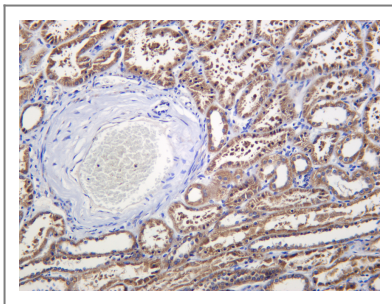
## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TOMM70 (PT1881R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: U2OS Lane 2: Rat brain Predicted band size: 67kDa Observed band size: 72kDa



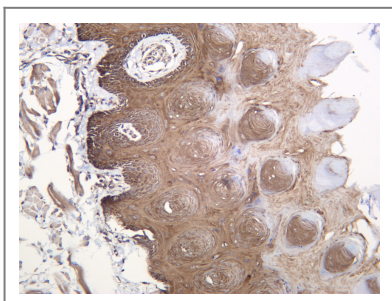
Human heart muscle was stained with anti-TOMM70 (PT1881R) PT™ Rabbit antibody



Human kidney was stained with anti-TOMM70 (PT1881R) PT™ Rabbit antibody



Mouse tongue was stained with anti-TOMM70 (PT1881R) PT™ Rabbit antibody



Rat tongue was stained with anti-TOMM70 (PT1881R) PT™ Rabbit antibody

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**TOMM70 (PT1881R)**  
**PT™ Rabbit mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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