

# TOMM40 Rabbit pAb

Catalog No.: A3213 **2 Publications**

## Basic Information

### Observed MW

38kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is localized in the outer membrane of the mitochondria. It is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for import of protein precursors into mitochondria. Alternatively spliced transcript variants have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

10452

### Swiss Prot

O96008

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human TOMM40 (NP\_001122389.1).

### Synonyms

TOM40; PEREC1; C19orf1; PER-EC1; D19S1177E; TOMM40

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

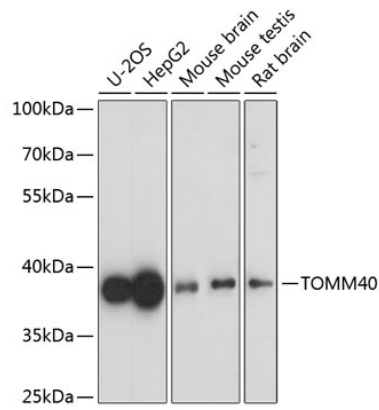
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

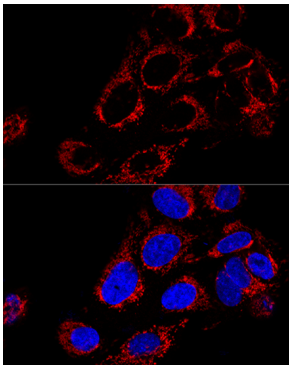
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using TOMM40 Rabbit pAb (A3213) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Confocal immunofluorescence analysis of U2OS cells using TOMM40 Rabbit pAb (A3213) at dilution of 1:200. Blue: DAPI for nuclear staining.