

# TOMM22 Rabbit mAb

Catalog No.: A9666

Recombinant

1 Publications

## Basic Information

### Observed MW

18kDa

### Calculated MW

16kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1688

## Background

The protein encoded by this gene is an integral membrane protein of the mitochondrial outer membrane. The encoded protein interacts with TOMM20 and TOMM40, and forms a complex with several other proteins to import cytosolic preproteins into the mitochondrion.

## Recommended Dilutions

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

**IHC-P** 1:100 - 1:1000

**IP** 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

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

## Immunogen Information

### Gene ID

56993

### Swiss Prot

Q9NS69

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

1C9-2; TOM22; MST065; MSTP065; TOMM22

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

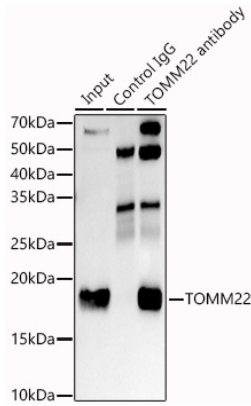
Affinity purification

### Storage

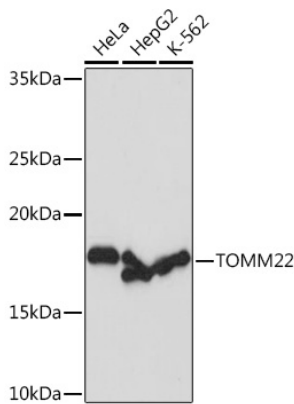
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

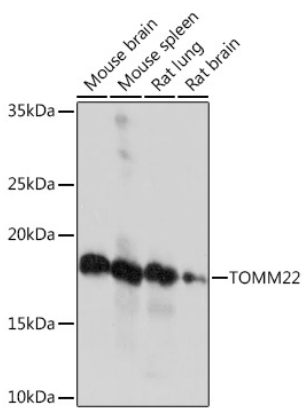
## Validation Data



Immunoprecipitation analysis of 300 µg extracts of K-562 cells using 3 µg TOMM22 antibody (A9666). Western blot was performed from the immunoprecipitate using TOMM22 antibody (A9666) at a dilution of 1:1000.



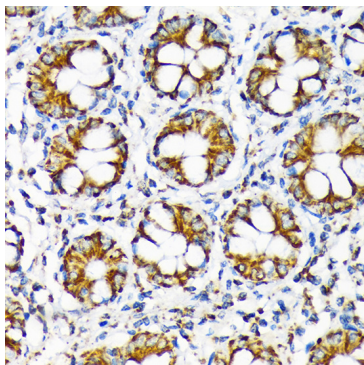
Western blot analysis of lysates from HeLa cells, using TOMM22 Rabbit mAb (A9666) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of various lysates using TOMM22 Rabbit mAb (A9666) 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 Enhanced Kit (RM00021). Exposure time: 3min.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human colon using TOMM22 Rabbit mAb (A9666) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.