

## TOM70 Rabbit pAb

CatalogNo: YN5741

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 67kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

#### Clonality

Polyclonal

### | Immunogen Information

#### Immunogen

Synthesized peptide derived from human TOM70

#### Specificity

This antibody detects endogenous levels of TOM70 at Human, Mouse, Rat

### | Target Information

#### Gene name

TOMM70A KIAA0719 TOM70

**Protein Name** Mitochondrial import receptor subunit TOM70 (Mitochondrial precursor proteins import receptor) (Translocase of outer membrane 70 kDa subunit)

| Organism | Gene ID                  | UniProt ID               |
|----------|--------------------------|--------------------------|
| Human    | <a href="#">9868</a> ;   | <a href="#">O94826</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

## | Contact information

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**TOM70 Rabbit pAb**

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