

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	9868 ;	O94826 ;
Mouse	28185 ;	Q9CZW5 ;
Rat	304017 ;	Q75Q39 ;

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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