

## TIMM13 Rabbit pAb

CatalogNo: YN6169

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 10kD (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 TIMM13

**Specificity** This antibody detects endogenous levels of TIMM13 at Human, Mouse, Rat

### | Target Information

**Gene name** TIMM13 TIM13B TIMM13A TIMM13B

**Protein Name** Mitochondrial import inner membrane translocase subunit Tim13

| Organism | Gene ID                 | UniProt ID              |
|----------|-------------------------|-------------------------|
| Human    | <a href="#">26517;</a>  | <a href="#">Q9Y5L4;</a> |
| Mouse    | <a href="#">30055;</a>  | <a href="#">P62075;</a> |
| Rat      | <a href="#">252928;</a> | <a href="#">P62076;</a> |

**Cellular Localization** Mitochondrion inner membrane ; Peripheral membrane protein ; Intermembrane side .

**Tissue specificity** Ubiquitous, with highest expression in heart, kidney, liver and skeletal muscle.

**Function** Mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. Also required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space. The TIMM8-TIMM13 complex mediates the import of proteins such as TIMM23, SLC25A12/ARALAR1 and SLC25A13/ARALAR2, while the predominant TIMM9-TIMM10 70 kDa complex mediates the import of much more proteins.

## | Validation Data

## | Contact information

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**TIMM13 Rabbit pAb**

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