

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	26517;	Q9Y5L4;
Mouse	30055;	P62075;
Rat	252928;	P62076;

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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