

Product datasheet for TA334461

Timm13 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Mouse

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-Timm13 antibody: synthetic peptide corresponding to a region of

Mouse. Synthetic peptide located within the following region:

FGSDFGGTGGGKLDPGAIMEQVKVQIAVANAQELLQRMTDKCFRKCIGKP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 10 kDa

Gene Name: translocase of inner mitochondrial membrane 13

Database Link: NP 038923

Entrez Gene 30055 Mouse

P62075



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Background:

Timm13 is a mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. It is 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. It 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.

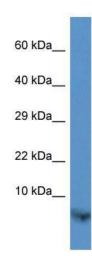
Synonyms:

ppv1; Tim13; TIM13B; TIMM13A; TIMM13B

Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%

Product images:



WB Suggested Anti-Timm13 Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Kidney