

Datasheet for ABIN2785946
anti-TIMM13 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TIMM13
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMM13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	FGSDFGGTGG GKLDPGAIME QVKVQIAVAN AQELLQRMTD KCFRKICIGKP
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Timm13. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TIMM13
Alternative Name:	Timm13 (TIMM13 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: D10Ert378e, Tim9, Timm9</p> <p>Protein Size: 95</p>
Molecular Weight:	10 kDa
Gene ID:	30055
NCBI Accession:	NM_013895 , NP_038923
UniProt:	P62075
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 95 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #101829 for Western Blotting (WB)


60 kDa__

40 kDa__

29 kDa__

22 kDa__

10 kDa__



Rabbit Anti-Timm13 Antibody

Catalog Number: ARP54905

Lot Number: QC26607

Lane: Mouse Kidney Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 10-20%

Western Blotting

Image 1.