

TIMM9 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17579c**Specification**

TIMM9 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9Y5J7
Other Accession	Q9WV97 , Q9WV98 , Q9W762 , Q2KIV2 , NP_036592.1
Reactivity	Human
Predicted	Bovine, Zebrafish, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	18-44

TIMM9 Antibody (Center) - Additional Information**Gene ID** 26520**Other Names**

Mitochondrial import inner membrane translocase subunit Tim9, TIMM9, TIM9, TIM9A, TIMM9A

Target/Specificity

This TIMM9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-44 amino acids from the Central region of human TIMM9.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TIMM9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMM9 Antibody (Center) - Protein Information**Name** TIMM9

Synonyms TIM9, TIM9A, TIMM9A

Function Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be 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.

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Intermembrane side

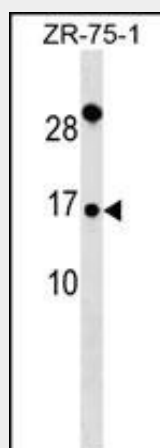
Tissue Location

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

TIMM9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TIMM9 Antibody (Center) - Images

TIMM9 Antibody (Center) (Cat. #AP17579c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the TIMM9 antibody detected the TIMM9 protein (arrow).

TIMM9 Antibody (Center) - Background

TIMM9 belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.

TIMM9 Antibody (Center) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Webb, C.T., et al. Mol. Cell 21(1):123-133(2006)
Muhlenbein, N., et al. J. Biol. Chem. 279(14):13540-13546(2004)
Vial, S., et al. J. Biol. Chem. 277(39):36100-36108(2002)
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