

FXC1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21868a**Specification**

FXC1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9Y5J6
Other Accession	Q3SZW4 , Q9WV96 , Q5RDJ0 , Q9R1B1
Reactivity	Human, Rat
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG

FXC1 Antibody (N-term) - Additional Information**Gene ID** 26515**Other Names**

Mitochondrial import inner membrane translocase subunit Tim10 B, Fracture callus protein 1, FxC1, Mitochondrial import inner membrane translocase subunit Tim9 B, TIMM10B, Tim10b, TIMM10B, FXC1, TIM9B, TIMM9B

Target/Specificity

This FXC1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 15-48 amino acids from the N-terminal region of human FXC1.

Dilution

WB~~1:2000

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

FXC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FXC1 Antibody (N-term) - Protein Information**Name** TIMM10B**Synonyms** FXC1, TIM9B, TIMM9B

Function Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. In the TIM22 complex, it may act as a docking point for the soluble 70 kDa complex that guides the target proteins in transit through the aqueous mitochondrial intermembrane space.

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein

Tissue Location

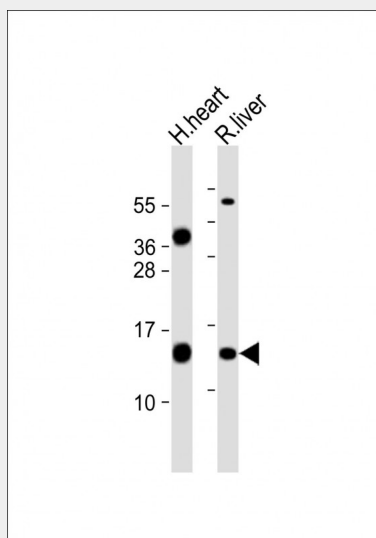
Ubiquitous, with highest expression in heart, kidney, liver and skeletal muscle.

FXC1 Antibody (N-term) - 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](#)

FXC1 Antibody (N-term) - Images



All lanes : Anti-FXC1 Antibody (N-term) at 1:2000 dilution Lane 1: human heart lysate Lane 2: rat liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

FXC1 Antibody (N-term) - Background

Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. In the TIM22

complex, it may act as a docking point for the soluble 70 kDa complex that guides the target proteins in transit through the aqueous mitochondrial intermembrane space.

FXC1 Antibody (N-term) - References

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Bauer M.F.,et al.FEBS Lett. 464:41-47(1999).

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Muehlenbein N.,et al.J. Biol. Chem. 279:13540-13546(2004).