

Abcb8 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12310**Specification****Abcb8 Antibody - middle region - Product Information**

Application	WB
Primary Accession	O9CXJ4
Other Accession	NM_029020 , NP_083296
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa

Abcb8 Antibody - middle region - Additional Information**Gene ID** 74610**Alias Symbol** 4833412N02Rik, AA409895**Other Names**

ATP-binding cassette sub-family B member 8, mitochondrial, Abcb8

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Abcb8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Abcb8 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Abcb8 Antibody - middle region - Protein Information**Name** Abcb8 {ECO:0000303|PubMed:22375032, ECO:0000312|MGI:MGI:1351667}**Function**

ATP-binding subunit of the mitochondrial potassium channel located in the mitochondrial inner membrane (By similarity). Together with CCDC51/MITOK, forms a protein complex localized in the mitochondria that mediates ATP-dependent potassium currents across the inner membrane (that is, mitoK(ATP) channel) (By similarity). Plays a role in mitochondrial iron transport (PubMed:22375032). Required for maintenance of normal cardiac function, possibly by influencing mitochondrial iron export and regulating the maturation of cytosolic iron sulfur cluster-containing enzymes (PubMed:22375032).

Cellular Location

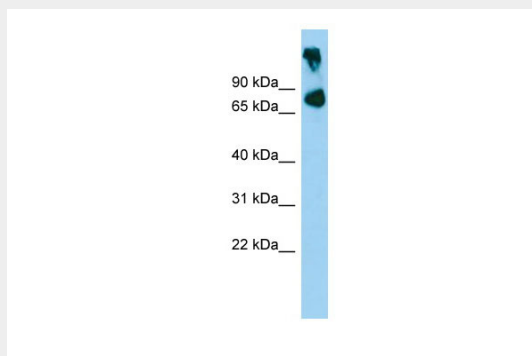
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9NUT2}; Multi-pass membrane protein {ECO:0000255|PROSITE-ProRule:PRU00441}

Abcb8 Antibody - middle region - 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](#)

Abcb8 Antibody - middle region - Images



WB Suggested Anti-Abcb8 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Muscle