

ABCB8 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2800a**Specification**

ABCB8 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O9NUT2
Other Accession	NP_009119.2 , 11194
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	79989

ABCB8 Antibody (C-Term) - Additional Information**Gene ID** 11194**Other Names**

ATP-binding cassette sub-family B member 8, mitochondrial, Mitochondrial ATP-binding cassette 1, M-ABC1, ABCB8, MABC1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ABCB8 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ABCB8 Antibody (C-Term) - Protein Information**Name** ABCB8 {ECO:0000303|PubMed:25944712, ECO:0000312|HGNC:HGNC:49}**Function**

ATP-binding subunit of the mitochondrial potassium channel located in the mitochondrial inner membrane (PubMed:31435016). 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) (PubMed:31435016). Plays a role in mitochondrial iron transport (PubMed:30623799).

target="_blank">30623799). Required for maintenance of normal cardiac function, possibly by influencing mitochondrial iron export and regulating the maturation of cytosolic iron sulfur cluster-containing enzymes (By similarity).

Cellular Location

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

Tissue Location

Ubiquitous.

ABCB8 Antibody (C-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](#)

ABCB8 Antibody (C-Term) - Images**ABCB8 Antibody (C-Term) - References**

Identification and characterization of a mammalian mitochondrial ATP-binding cassette membrane protein. Hogue DL, Liu L, Ling V. J Mol Biol. 1999 Jan 8;285(1):379-89 PMID: 9878413