

ABCB8 polyclonal antibody

Catalog # PAB11479 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABCB8.
Immunogen	A synthetic peptide corresponding to human ABCB8.
Sequence	C-KKPEGPRSHQHK
Host	Goat
Theoretical MW (kDa)	78
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCB8

Entrez GeneID [11194](#)

Protein Accession# [NP_009119.2](#)

Gene Name ABCB8

Gene Alias EST328128, M-ABC1, MABC1

Gene Description ATP-binding cassette, sub-family B (MDR/TAP), member 8

Omim ID [605464](#)

Gene Ontology [Hyperlink](#)

Gene Summary The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. The function of this half-transporter has not yet been determined; however, it may involve the compartmentalization and transport of heme, as well as peptides, from the mitochondria to the nucleus and cytosol. This protein may also play a role in the transport of phospholipids into mitochondrial membranes. [provided by RefSeq]

Other Designations ATP-binding cassette, sub-family B, member 8|mitochondrial ABC protein

Publication Reference

- [Identification and characterization of a mammalian mitochondrial ATP-binding cassette membrane protein.](#)

Hogue DL, Liu L, Ling V.

Journal of Molecular Biology 1999 Jan; 285(1):379.

Application: IF, WB-Ce, Human, SK-ABC, SKOV3 cells

Pathway

- [ABC transporters](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)