DNAxPAb | Hard-to-Find Antibody

ABCB7 DNAxPab

Catalog # H00000022-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ABCB7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry (Transfected cell)
- Western Blot (Transfected lysate)

  Protocol Download
- Immunofluorescence (Transfected cell)

Gene Info — ABCB7

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Entrez GeneID	22
GeneBank Accession#	NM_004299.3
Protein Accession#	NP_004290.2
Gene Name	ABCB7
Gene Alias	ABC7, ASAT, Atm1p, EST140535
Gene Description	ATP-binding cassette, sub-family B (MDR/TAP), member 7
Omim ID	300135 301310
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. This gene encodes a half-transporter involved in the transport of heme from the mitochondria to the cytosol. With iron/sulfur cluster precursors as its substrates, this protein may play a role in metal homeostasis. Mutations in this gene have been implicated in X-linked sideroblastic anemia with ataxia. [provided by RefSeq
Other Designations	ATP-binding cassette 7|ATP-binding cassette, sub-family B, member 7|OTTHUMP00000023578

Pathway

- ABC transporters

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