

A8693

Leader in Biomolecular Solutions for Life Science



ABCB7 Rabbit pAb

Catalog No.: A8693

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

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 associated with mitochondrial iron accumulation and isodicentric (X)(q13) and sideroblastic anemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

22

Swiss Prot

O75027

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ABC7; ASAT; Atm1p; EST140535; ABCB7

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.