

Product datasheet for TA332015

ABCB8 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-ABCB8 Antibody: synthetic peptide directed towards the middle

region of human ABCB8. Synthetic peptide located within the following region:

EPVLFGTTIMENIRFGKLEASDEEVYTAAREANAHEFITSFPEGYNTVVG

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

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 79 kDa

Gene Name: ATP binding cassette subfamily B member 8

Database Link: NP 009119

Entrez Gene 11194 Human

Q9NUT2



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Background:

The membrane-associated protein ABCB8 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC proteins are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). ABCB8 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. 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 halftransporter 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.

Synonyms: EST328128; M-ABC1; MABC1

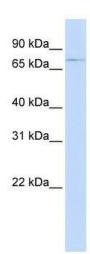
Note: Immunogen sequence homology: Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Rat: 93%;

Horse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ABC transporters

Product images:



WB Suggested Anti-ABCB8 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human heart