

Product datasheet for **TA331839**

ABCB9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ABCB9 Antibody: synthetic peptide directed towards the N terminal of human ABCB9. Synthetic peptide located within the following region: RLWKAVVWTLAFMSVDICVTTAIYVFSHLDRSLLDIRHFNIFDSVLDLW
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	ATP binding cassette subfamily B member 9
Database Link:	NP_062570 Entrez Gene 23457 Human Q9NP78



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Background:

ABCB9, a membrane-associated protein, is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABCB9 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, this protein may play a role in lysosomes. 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, this protein may play a role in lysosomes. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specifications.

Synonyms:

EST122234; TAPL

Note:

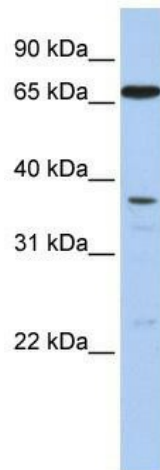
Immunogen sequence homology: Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Pig: 93%; Rabbit: 93%; Guinea pig: 75%

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

ABC transporters, Lysosome

Product images:

WB Suggested Anti-ABCB9 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Lung