

Datasheet for ABIN2781527
anti-ABCB9 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	ABCB9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ABCB9
Sequence:	RLWKAVVVTL AFMSVDICVT TAIYVFSHLD RSLLEDIRHF NIFDSVLDLW
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 75%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ABCB9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ABCB9
---------	-------

Target Details

Alternative Name: ABCB9 ([ABCB9 Products](#))

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.

Alias Symbols: EST122234, KIAA1520, TAPL

Protein Interaction Partner: UBC,

Protein Size: 723

Molecular Weight: 80 kDa

Gene ID: 23457

NCBI Accession: [NM_019624](#), [NP_062570](#)

UniProt: [Q9NP78](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 723 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

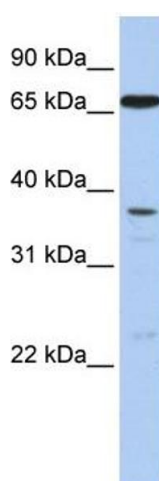
Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: "A severe human metabolic disease caused by deficiency of the endoplasmatic mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: Human molecular genetics , Vol. 19, Issue 8, pp. 1413-24, (2010) (PubMed).
-------------------	---

Images



Western Blotting

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