

ABCG4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12723A

Specification

ABCG4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9H172
Other Accession	NP_001135977.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	71896
Antigen Region	36-65

ABCG4 Antibody (N-term) - Additional Information

Gene ID 64137

Other Names

ATP-binding cassette sub-family G member 4, ABCG4, WHITE2

Target/Specificity

This ABCG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-65 amino acids from the N-terminal region of human ABCG4.

Dilution

WB~~1:1000

Format

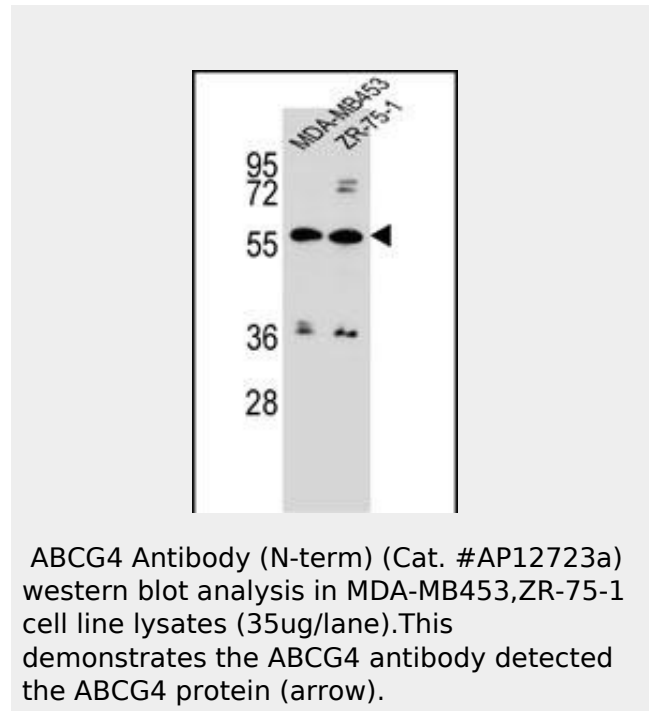
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ABCG4 Antibody (N-term) is for research use only and not for use in diagnostic or



ABCG4 Antibody (N-term) - Background

The protein encoded by this gene is included in 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 White subfamily and is expressed predominantly in liver tissue. The function has not yet been determined but may involve cholesterol transport. Alternate splice variants have been described but their full length sequences have not been determined.

ABCG4 Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care

therapeutic procedures.

ABCG4 Antibody (N-term) - Protein Information

Name ABCG4

Synonyms WHITE2

Function

May be involved in macrophage lipid homeostasis.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in brain tissues with the exception of the spinal cord.

33(10):2250-2253(2010)

McGeachie, M., et al. Circulation
120(24):2448-2454(2009)

Talmud, P.J., et al. Am. J. Hum. Genet.
85(5):628-642(2009)

Saito, A., et al. J. Hum. Genet.
54(6):317-323(2009)

Koshiba, S., et al. Xenobiotica 38 (7-8),
863-888 (2008) :

ABCG4 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)