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Datasheet for ABIN390432 anti-ABCG1 antibody (N-Term)

4 Images



Overview

Quantity:	400 µL
Target:	ABCG1
Binding Specificity:	AA 168-195, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCG1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ABCG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-195 amino acids from the N-terminal region of human ABCG1.
Clone:	RB19678
lsotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

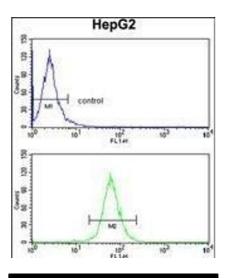
Target Details

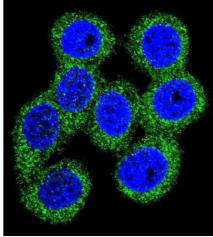
Target:	ABCG1
Alternative Name:	ABCG1 (ABCG1 Products)

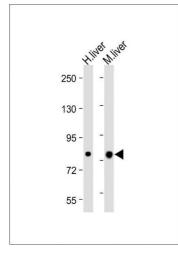
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Target Details	
Background:	ABCG1 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types.
Molecular Weight:	75592
Gene ID:	9619
NCBI Accession:	NP_004906, NP_058198, NP_997057, NP_997510, NP_997511, NP_997512
UniProt:	P45844
Pathways:	Lipid Metabolism
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:2000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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Flow Cytometry

Image 1. ABCG1 Antibody (N-term) (ABIN390432 and ABIN2840817) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of ABCG1 Antibody (N-term) (ABIN390432 and ABIN2840817) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. All lanes : Anti-ABCG1 Antibody (N-term) at 1:2000 dilution Lane 1: Human liver lysate Lane 2: Mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN390432.

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