Product Datasheet

ABCG8 antibody

Catalog No: #38312

Package Size: #38312-1 50ul #38312-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	ABCG8 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total ABCG8 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human ABCG8 (NP_071882.1).
Target Name	ABCG8
Other Names	ABCG8;GBD4;STSL
Accession No.	Uniprot:Q9H221GeneID:64241
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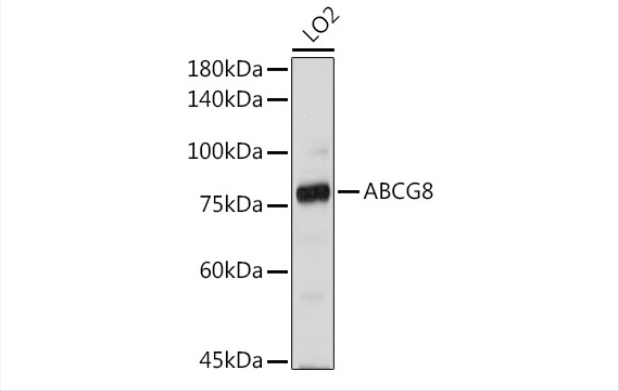
GeneID	64241
SDS-PAGE MW	76KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

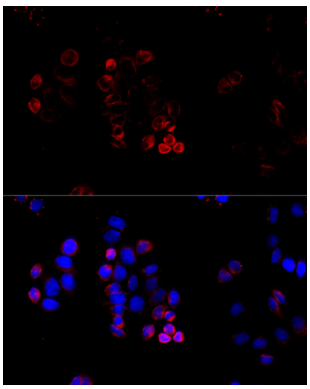
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

Images



Western blot analysis of extracts of LO2 cells, using ABCG8 antibody.



Immunofluorescence analysis of HeLa cells using ABCG8 antibody.

Background

The 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 White subfamily. The protein encoded by this gene functions to exclude non-cholesterol sterol entry at the intestinal level, promote excretion of cholesterol and sterols into bile, and to facilitate transport of sterols back into the intestinal lumen. It is expressed in a tissue-specific manner in the liver, intestine, and gallbladder. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG5. Mutations in this gene may contribute to sterol accumulation and atherosclerosis, and have been observed in patients with sitosterolemia.

Note: This product is for in vitro research use only