

## ABCG5 rabbit pAb

## Cat No.:ES9428

For research use only

## Overview

Product Name	ABCG5 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. IF
	1:100-300 Not yet tested in other applications.
Immunogen	Synthesized peptide derived from human protein .
-	at AA range: 250-330
Specificity	ABCG5 Polyclonal Antibody detects endogenous
	levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ATP-binding cassette sub-family G member 5
	(Sterolin-1)
Gene Name	ABCG5
Cellular localization	Cell membrane ; Multi-pass membrane protein .
	Apical cell membrane ; Multi-pass membrane
	protein .
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	71kD
Human Gene ID	64240
Human Swiss-Prot Number	Q9H222
Alternative Names	
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



+86-27-59760950

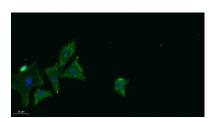
ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



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 as a half-transporter to limit intestinal absorption and promote biliary excretion of sterols. It is expressed in a tissue-specific manner in the liver, colon, and intestine. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG8. Mutations in this gene may contribute to sterol accumulation and atheroschlerosis, and have been observed in patients with sitosterolemia. [provided by RefSeq, Jul 2008],



Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C