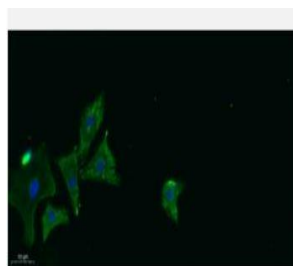


ABCG5 Polyclonal Antibody

Catalog No.	IPB0314
Reactivity	Human; Mouse; Rat
Applications	WB; IF/ICC; ELISA
Dilution	WB: 1:500-1:2000 ELISA: 1:5000 IF: 1:50-1:200
Gene Name	ABCG5
Protein Name	ATP-binding cassette sub-family G member 5 (Sterolin-1)
Human Gene Id	64240
Swiss-Prot	Q9H222
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cell membrane; Multi-pass membrane protein Apical cell membrane; Multi-pass membrane protein
MW	-
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 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 atherosclerosis, and have been observed in patients with sitosterolemia

Products Images:



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.