

Rabbit anti-Human ABCG5 Polyclonal Antibody | anti-ABCG5 antibody

ABCG5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234227	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

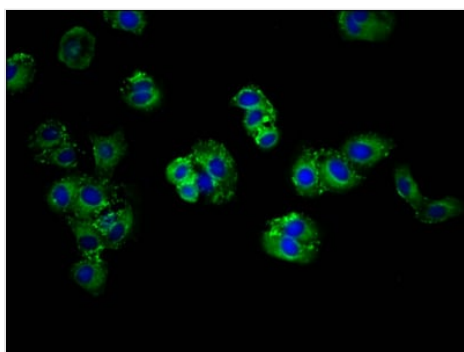
PRODUCT SYNONYMS

ABCG5; Polyclonal Antibody; ABCG5 Antibody; ATP-binding cassette sub-family G member 5; Sterolin-1; anti-ABCG5 antibody

PRODUCT SPECIFICATIONS

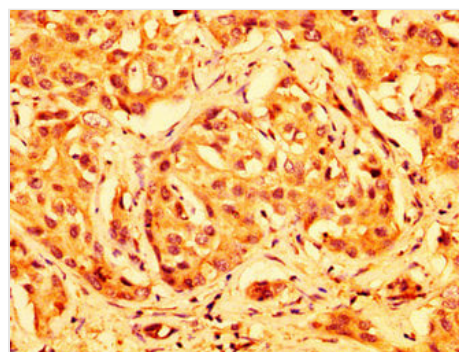
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	651
Applicable Applications for anti-ABCG5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human ATP-binding cassette sub-family G member 5 protein (1-127AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



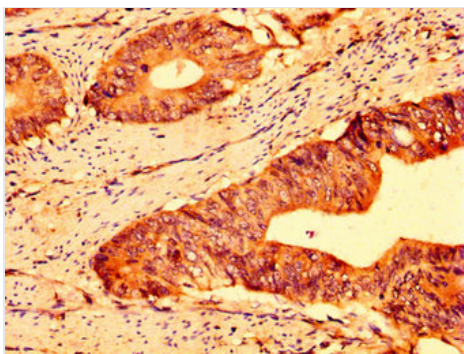
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234227 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



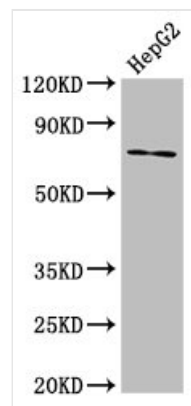
IHC (Immunohistochemistry)

IHC image of AAA234227 diluted at 1:500 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234227 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: ABCG5 antibody at 8.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 73, 29 KDa Observed band size: 73 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ABCG5 antibody	Transporter that appears to play an indispensable role in the selective transport of the dietary cholesterol in and out of the enterocytes and in the selective sterol excretion by the liver into bile.
Product Categories/Family for anti-ABCG5 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967969
NCBI GeneID	64240
NCBI Accession #	NP_071881.1
NCBI GenBank Nucleotide #	NM_022436.2
UniProt Accession #	Q9H222; Q2T9G2; Q96QZ2; Q96QZ3
Molecular Weight	28,480 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 5
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 5
NCBI Official Symbol	ABCG5
NCBI Official Synonym Symbols	STSL
NCBI Protein Information	ATP-binding cassette sub-family G member 5
UniProt Protein Name	ATP-binding cassette sub-family G member 5
UniProt Gene Name	ABCG5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcg5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234227>