

# ABCG5 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12315

## Product Information

Application	WB
Primary Accession	<a href="#">Q9H222</a>
Other Accession	<a href="#">NM_022436</a> , <a href="#">NP_071881</a>
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72504

## Additional Information

Gene ID	64240
Alias Symbol	STSL
Other Names	ATP-binding cassette sub-family G member 5, Sterolin-1, ABCG5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ABCG5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ABCG5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Name	ABCG5 ( <a href="#">HGNC:13886</a> )
Function	ABCG5 and ABCG8 form an obligate heterodimer that mediates Mg(2+)- and ATP-dependent sterol transport across the cell membrane (PubMed: <a href="#">27144356</a> ). Plays an essential role in the selective transport of dietary plant sterols and cholesterol in and out of the enterocytes and in the selective sterol excretion by the liver into bile (PubMed: <a href="#">11099417</a> , PubMed: <a href="#">11138003</a> , PubMed: <a href="#">15054092</a> , PubMed: <a href="#">27144356</a> ). Required for normal sterol homeostasis (PubMed: <a href="#">11099417</a> , PubMed: <a href="#">11138003</a> , PubMed: <a href="#">15054092</a> ). The heterodimer with ABCG8 has ATPase activity (PubMed: <a href="#">16893193</a> , PubMed: <a href="#">20210363</a> , PubMed: <a href="#">27144356</a> ).
Cellular Location	Cell membrane; Multi-pass membrane protein. Apical cell membrane;

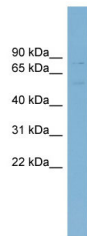
Multi-pass membrane protein

## Tissue Location

Strongly expressed in the liver, lower levels in the small intestine and colon.

## Images

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WB Suggested Anti-ABCG5 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:62500  
Positive Control: Human Spleen

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.