

ABCG5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12315**Specification**

ABCG5 antibody - middle region - Product Information

Application	WB
Primary Accession	O9H222
Other Accession	NM_022436 , NP_071881
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72kDa KDa

ABCG5 antibody - middle region - 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.

ABCG5 antibody - middle region - Protein Information**Name** ABCG5 ([HGNC:13886](#))**Function**

ABCG5 and ABCG8 form an obligate heterodimer that mediates Mg(2+)- and ATP-dependent sterol transport across the cell membrane (PubMed:[27144356](http://www.uniprot.org/citations/27144356)). 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:[11099417](http://www.uniprot.org/citations/11099417), PubMed:[11138003](http://www.uniprot.org/citations/11138003), PubMed:[11138003](http://www.uniprot.org/citations/11138003)).

href="http://www.uniprot.org/citations/27144356" target="_blank">27144356, PubMed:15054092). Required for normal sterol homeostasis (PubMed:11099417, PubMed:11138003, PubMed:15054092). The heterodimer with ABCG8 has ATPase activity (PubMed:16893193, PubMed:20210363, PubMed:27144356).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein

Tissue Location

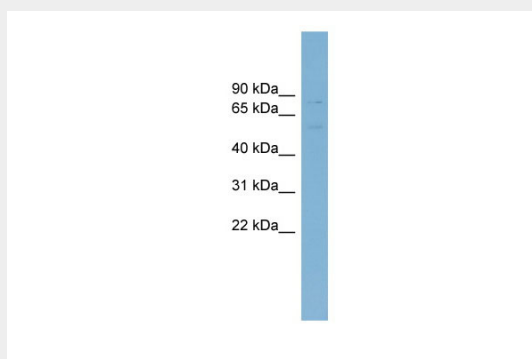
Strongly expressed in the liver, lower levels in the small intestine and colon.

ABCG5 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ABCG5 antibody - middle region - Images



WB Suggested Anti-ABCG5 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human Spleen