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# ABCG5 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12315

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q9H222 |
| **Other Accession** | NM_022436, NP_071881 |
| **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

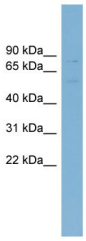
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| **Gene ID** | 64240 |
| **Alias Symbol** | STSL |
| **Other Names** | ATP-binding cassette sub-family G member 5, Sterolin-1, ABCG5 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **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

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| **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). 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, PubMed:11138003, PubMed:15054092, PubMed:27144356). 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; |

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| | Multi-pass membrane protein |
| **Tissue Location** | Strongly expressed in the liver, lower levels in the small intestine and colon. |

## Images




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'.