

**ABCG1 Rabbit mAb**  
**Catalog # AP74944****Specification**

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**ABCG1 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P45844</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>75592</b>

**ABCG1 Rabbit mAb - Additional Information****Gene ID** 9619**Other Names**  
ABCG1**Dilution**  
WB~~1/500-1/1000**Format**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**ABCG1 Rabbit mAb - Protein Information****Name** ABCG1 ([HGNC:73](#))**Synonyms** ABC8, WHT1**Function**

Catalyzes the efflux of phospholipids such as sphingomyelin, cholesterol and its oxygenated derivatives like 7beta- hydroxycholesterol and this transport is coupled to hydrolysis of ATP (PubMed:<a href="http://www.uniprot.org/citations/17408620" target="\_blank">17408620</a>, PubMed:<a href="http://www.uniprot.org/citations/24576892" target="\_blank">24576892</a>). The lipid efflux is ALB-dependent (PubMed:<a href="http://www.uniprot.org/citations/16702602" target="\_blank">16702602</a>). Is an active component of the macrophage lipid export complex. Could also be involved in intracellular lipid transport processes. The role in cellular lipid homeostasis may not be limited to macrophages. Prevents cell death by transporting cytotoxic 7beta- hydroxycholesterol (PubMed:<a href="http://www.uniprot.org/citations/17408620" target="\_blank">17408620</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cell membrane Note=Predominantly localized in the intracellular compartments mainly associated with the endoplasmic reticulum (ER) and Golgi membranes

**Tissue Location**

Expressed in several tissues. Expressed in macrophages; expression is increased in macrophages from patients with Tangier disease.

**ABCG1 Rabbit mAb - 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](#)

**ABCG1 Rabbit mAb - Images**