

# ABCG1 Rabbit mAb

Catalog # AP74944

## Product Information

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

## Additional Information

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Gene ID	9619
Other Names	ABCG1
Dilution	WB~~1/500-1/1000
Format	Liquid

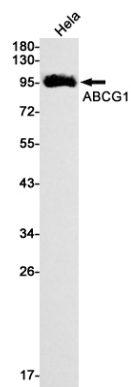
## Protein Information

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Name	ABCG1 ( <a href="#">HGNC:73</a> )
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="#">17408620</a> , PubMed: <a href="#">24576892</a> ). The lipid efflux is ALB-dependent (PubMed: <a href="#">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="#">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.

## Images

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