

# ABCG1 Rabbit mAb

Catalog No.: A17907   Recombinant   2 Publications

## Basic Information

### Observed MW

100kDa

### Calculated MW

76kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No number

ARC0336

## Background

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified.

## Recommended Dilutions

WB                    1:1000 - 1:2000

ELISA                Recommended starting concentration is 1  $\mu$ g/mL.  
                       Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

9619

### Swiss Prot

P45844

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ABC8; WHITE1; ABCG1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

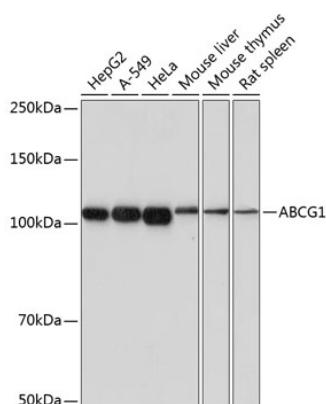
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using ABCG1 Rabbit mAb (A17907) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.