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Datasheet for ABIN1841950  
**anti-ABCG1 antibody (AA 350-400)**

### Overview

Quantity:	100 µL
Target:	ABCG1
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	A synthetic peptide from AA 350-400 of human ABCG1 conjugated to an immunogenic carrier protein was used as the antigen.
Specificity:	Specific for ABCG1.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	Whole serum

### Target Details

Target:	ABCG1
Alternative Name:	ABCG1 ( <a href="#">ABCG1 Products</a> )

## Target Details

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**Background:** **FUNCTION:** Transporter involved in macrophage lipid homeostasis. 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. **Subcellular location:** Mitochondrion. Endoplasmic reticulum membrane, Multi-pass membrane protein. Golgi apparatus membrane, Multi-pass membrane protein. **Note:** Predominantly localized in the intracellular compartments mainly associated with the endoplasmic reticulum (ER) and Golgi membranes. **Tissue specificity:** Expressed in several tissues. Expressed in macrophages, expression is increased in macrophages from patients with Tangier disease., ABCG Family, ATP-binding cassette sub-family G member 1, ATP-binding cassette transporter 8, White protein homolog, ABC8, WHT1

**UniProt:** [P45844](#)

**Pathways:** [Lipid Metabolism](#)

## Application Details

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**Application Notes:** IHC, WB. A dilution of 1 : 300 to 1 : 2000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.

**Handling Advice:** Avoid freeze and thaw cycles.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

**Expiry Date:** 12 months