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Datasheet for ABIN673721

**anti-ABCG1 antibody (AA 561-678) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ABCG1  |
| Binding Specificity: | AA 561-678   |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ABCG1 antibody is conjugated to Biotin  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human ABCG1 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ABCG1  |
| Alternative Name: | ABCG1 ( <a href="#">ABCG1 Products</a> )   |
| Background:       | Synonyms: ABC8, WHITE1, ATP-binding cassette sub-family G member 1, ATP-binding cassette |

## Target Details

transporter 8, White protein homolog, ABCG1, WHT1

Background: 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.

Gene ID: 9619

UniProt: [P45844](#)

Pathways: [Lipid Metabolism](#)

## Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months