

## ABCG1 polyclonal antibody

Catalog: BS5596

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

ABCG1 (also designated ABC8 or human white gene), a member of the evolutionary conserved family of ATP-binding cassette (ABC) transporters, exhibits high homology with the *Drosophila* white gene. ABC transporters couple the energy of ATP hydrolysis to the translocation of various molecules across biological membranes. These proteins contain characteristic ATP-binding domains and transmembrane domains which form a channel-like structure for transport. ABCG1 functions to regulate cholesterol and phospholipid transport in macrophages. ABCG1 is highly expressed in several tissues, including brain, spleen, lung and placenta, and has been localized to the cell surface and intracellular compartments of cholesterol-laden macrophages.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 110 kDa

### Swiss-Prot:

P45844

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

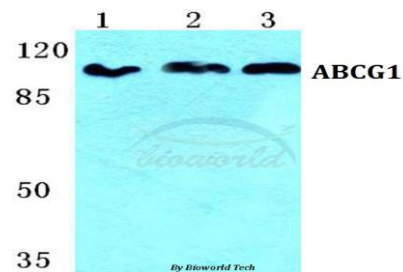
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ABCG1 polyclonal antibody detects endogenous levels of ABCG1 protein.

### DATA:



Western blot (WB) analysis of ABCG1 polyclonal antibody at 1:500 dilution

Lane1: Jurkat cell lysate

Lane2: Mouse liver tissue lysate

Lane3: Rat liver tissue lysate

### Note:

For research use only, not for use in diagnostic procedure.

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