

Product Datasheet

ABCG1 Antibody

Catalog No: CY5371

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC



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Information

UniProt ID: P45844

All Names: ATP-binding cassette transporter 8; White protein homolog; ABC8; WHT1; ABCG1; ABC transporter 8; WHITE1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110 kDa

Application

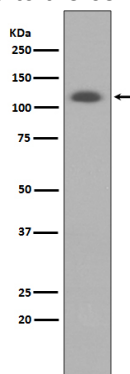
WB: 1:500~1:1000

IHC: 1:50~1:100

ICC: 1:50~1:100

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.



Western blot analysis of ABCG1 expression in HUVEC cell lysate.

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