

ABCG1 Rabbit mAb

Catalog # AP74944

Specification

ABCG1 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB
P45844
Human
Rabbit
Monoclonal Antibody

75502

75592

ABCG1 Rabbit mAb - Additional Information

Gene ID 9619

Other Names ABCG1

Dilution

WB~~1/500-1/1000

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

ABCG1 Rabbit mAb - Protein Information

Name ABCG1 (HGNC:73)

Synonyms ABC8, WHT1

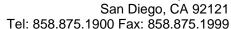
Function

Catalyzes the efflux of phospholipids such as sphingomyelin, cholesterol and its oxygenated derivatives like 7beta- hydroxycholesterol and this transport is coupled to hydrolysis of ATP (PubMed:17408620, PubMed:24576892). The lipid efflux is ALB-dependent (PubMed:16702602). 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. Prevents cell death by transporting cytotoxic 7beta- hydroxycholesterol (PubMed:17408620).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cell membrane Note=Predominantly localized in the intracellular compartments mainly associated with the endoplasmic reticulum (ER) and Golgi membranes







Tissue Location

Expressed in several tissues. Expressed in macrophages; expression is increased in macrophages from patients with Tangier disease.

ABCG1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ABCG1 Rabbit mAb - Images

