

ABCG4 Rabbit pAb

Catalog No.: A14596

Basic Information

Observed MW

72kDa

Calculated MW

60kDa/64kDa/65kDa/71kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a member of the ATP-binding cassette (ABC) transporter superfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). The encoded protein is a member of the White subfamily and plays an important role in cellular cholesterol homeostasis. This protein functions as either a homodimer or as a heterodimer with another ABC subfamily protein such as ABCG1.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

64137

Swiss Prot

Q9H172

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 270-370 of human ABCG4 (NP_071452.2).

Synonyms

ABCG4;WHITE2

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

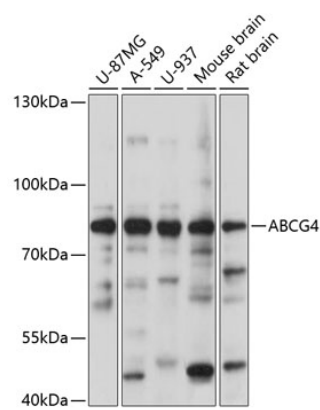
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ABCG4 antibody (A14596) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.