

Anti-ABCG4 Antibody Picoband®

Catalog Number: PA2067

About ABCG4

ABCG4 (ATP-Binding Cassette, Subfamily G, Member 4), is a protein that in humans is encoded by the ABCG4 gene. The protein encoded by this gene is included in the superfamily of ATP-binding cassette (ABC) transporters. This protein is a member of the White subfamily and is expressed predominantly in liver tissue. By genomic sequence analysis, Engel et al. (2001) mapped the ABCG4 gene to chromosome 11q23.3. Engel et al. (2001) demonstrated 5-fold induction of ABCG4 following treatment of normal monocyte-derived macrophages with the LXR and RXR agonists 9-cis retinoic acid and 22R hydroxycholesterol. Removal of cholesterol from macrophages by cyclodextrin decreased ABCG4 message levels.

Overview

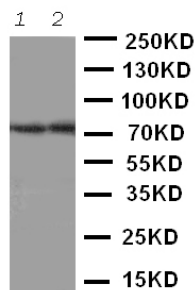
Product Name	Anti-ABCG4 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ABCG4 Antibody catalog # PA2067. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9H172

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ABCG4, different from the related mouse and rat sequences by one amino acid.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins

Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Mouse, Rat, Human

Anti-ABCG4 Antibody Picoband® (PA2067) Images



Anti-ABCG4 antibody, PA2067, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Mouse Brain Tissue Lysate

1 Publications Citing This Product

1. PubMed ID: 25467975 , Efficient and sustained IGF-1 expression in the adipose tissue-derived stem cells mediated via a lentiviral vector

Visit bosterbio.com/anti-abcg4-antibody-pa2067-boster.html to see all 1 publications.

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