

A16337

Leader in Biomolecular Solutions for Life Science



ABCA1 Rabbit pAb

Catalog No.: A16337

3 Publications

Basic Information

Observed MW

254kDa

Calculated MW

254kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Mouse

Background

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. With cholesterol as its substrate, this protein functions as a cholesterol efflux pump in the cellular lipid removal pathway. Mutations in both alleles of this gene cause Tangier disease and familial high-density lipoprotein (HDL) deficiency.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

19

Swiss Prot

O95477

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1170-1350 of human ABCA1 (NP_005493.2).

Synonyms

TGD; ABC1; CERP; ABC-1; HDLDT1; HPALP1; HDLCQTL13; ABCA1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

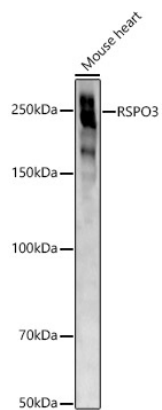
Affinity purification

Storage

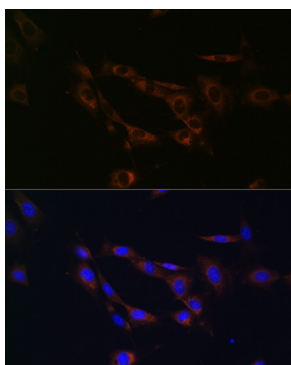
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of Mouse heart, using ABCA1 Rabbit pAb (A16337) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunofluorescence analysis of NIH/3T3 cells using ABCA1 Rabbit pAb (A16337) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.