ABCA1 Rabbit mAb

Catalog No.: A26706 Recombinant



Basic Information

Observed MW

254-460kDa/

Calculated MW

254kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC69764

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 cholesteral 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 1:2500 - 1:5000

IP 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
19
095477

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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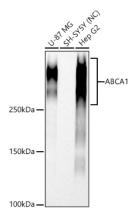
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Western blot analysis of various lysates using ABCA1 Rabbit mAb (A26706)at 1:5000 dilution incubated overnight at 4° C.

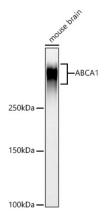
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020). Negative control (NC): SH-SY5Y

Exposure time: 60s.



Western blot analysis of lysates from Mouse brain using ABCA1 Rabbit mAb (A26706) at 1:5000 dilution incubated overnight at 4° C.

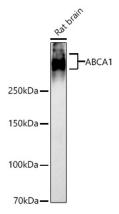
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from Rat brain using ABCA1 Rabbit mAb (A26706) at 1:5000 dilution incubated overnight at 4° C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.