

For Research Use Only

ABCA2 Polyclonal antibody

Catalog Number: 20681-1-AP



Basic Information

Catalog Number:

20681-1-AP

Size:

150ul , Concentration: 307 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001606

GeneID (NCBI):

20

Full Name:

ATP-binding cassette, sub-family A (ABC1), member 2

Calculated MW:

270 kDa

Observed MW:

270 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF 1:20-1:200

Applications

Tested Applications:

IF, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse thymus tissue, HepG2 cells, L02 cells

IF : HepG2 cells,

Background Information

ABCA2, also named as ABC2 and KIAA1062, belongs to the ABC transporter ABCA2, a member of the ATP-binding cassette (ABC) transporter family, is primarily expressed in brain and is involved in brain sterol homeostasis and associated with early onset Alzheimer's disease. ABCA2 is mainly localized in endosomes and lysosomes of oligodendrocytes and Schwann cells. It has also been reported as a marker of neural progenitor in the adult rodent brain. (PMID: 16539677)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

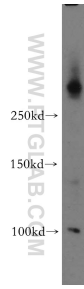
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

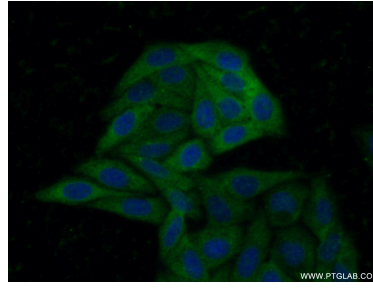
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 20681-1-AP (ABCA2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 20681-1-AP (ABCA2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).