

For Research Use Only

ABCA1 Recombinant monoclonal antibody

Catalog Number: 85434-3-RR



Basic Information

Catalog Number: 85434-3-RR	GenBank Accession Number: BC146856	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by 19 Nanodrop;	GeneID (NCBI): UNIPROT ID: O95477	CloneNo.: 261086C3
Source: Rabbit	Full Name: ATP-binding cassette, sub-family A (ABC1), member 1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Observed MW: 250 kDa	
Immunogen Catalog Number: AG37398		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, mouse cerebellum tissue, mouse brain tissue, rat cerebellum tissue
Species Specificity: human, mouse, rat	

Background Information

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 (ABCA, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABCA subfamily. Members of the ABCA 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.

Storage

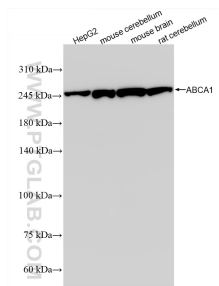
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Various lysates were subjected to SDS PAGE followed by western blot with 85434-3-RR (ABCA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.