

For Research Use Only

ABCG8 Polyclonal antibody

Catalog Number: 24453-1-AP



Basic Information

Catalog Number: 24453-1-AP	GenBank Accession Number: BC113657	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 64241	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: ATP-binding cassette, sub-family G (WHITE), member 8	
Isotype: IgG	Calculated MW: 673 aa, 76 kDa	
Immunogen Catalog Number: AG19879	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, PC-12 cells, k-562 cells
Species Specificity: human	

Background Information

ABCG8(ATP-binding cassette sub-family G member 8) and ABCG5(ATP-binding cassette protein G5) are members of the ABC transporter family and are half-type ABC transporters, which consist of six transmembrane helices and one nucleotide-binding domain. ABCG5 and ABCG8 form a heterodimer (ABCG5/ABCG8). Mutations in either ABCG5 or ABCG8 cause a genetic disorder, sitosterolemia. Patients with sitosterolemia show high plant sterol levels and develop hypercholesterolemia and atherosclerosis at a young age.(PMID: 36839356)

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

*** 20ul sizes contain 0.1% BSA

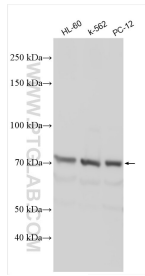
For technical support and original validation data for this product please contact:

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 24453-1-AP (ABCG8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.