

For Research Use Only

ABCD2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86519-4-PBS



Basic Information

Catalog Number: 86519-4-PBS	GenBank Accession Number: BC104901	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 225	CloneNo.: 251255A3
Source: Rabbit	UNIPROT ID: Q9UBJ2	
Isotype: IgG	Full Name: ATP-binding cassette, sub-family D (ALD), member 2	
Immunogen Catalog Number: AG12872	Calculated MW: 740 aa, 83 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

ABCD2 is a member of the superfamily of ATP-binding cassette (ABC) transporters, and is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. ABCD2 plays a role in regulation of VLCFAs and energy metabolism, in the degradation and biosynthesis of fatty acids by beta-oxidation (PMID:29397936, 21145416).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

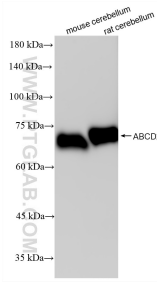
For technical support and original validation data for this product please contact:

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

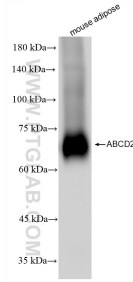
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

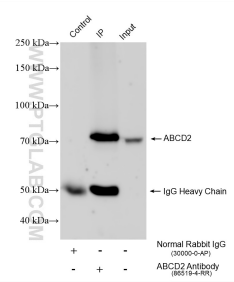
Selected Validation Data



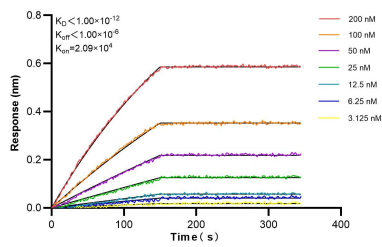
Various lysates were subjected to SDS PAGE followed by western blot with 86519-4-RR (ABCD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86519-4-PBS in a different storage buffer formulation.



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IP result of anti-ABCD2 (IP:86519-4-RR, 4ug; Detection:86519-4-RR 1:2000) with mouse cerebellum tissue lysate 2000 ug. This data was developed using the same antibody clone with 86519-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86519-4-RR against Human ABCD2 were performed. The affinity constant is below 1 pM.