

For Research Use Only

ABCD2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86519-4-PBS



Basic Information

Catalog Number:

86519-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12872

GenBank Accession Number:

BC104901

GeneID (NCBI):

225

UNIPROT ID:

Q9UBJ2

Full Name:

ATP-binding cassette, sub-family D (ALD), member 2

Calculated MW:

740 aa, 83 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

251255A3

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

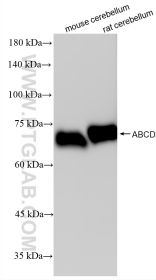
T: 4006900926

E: Proteintech-CN@ptglab.com

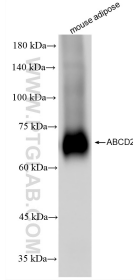
W: ptgcn.com

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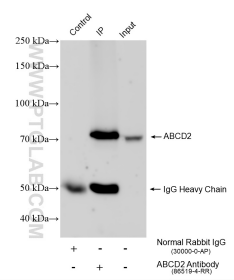
Selected Validation Data



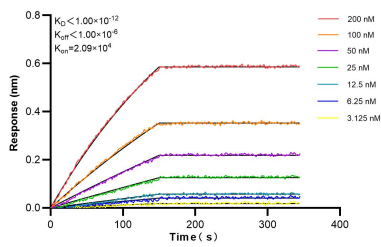
Various lysates were subjected to SDS PAGE followed by western blot with 86519-4-RR (ABCD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86519-4-PBS in a different storage buffer formulation.



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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.