

For Research Use Only

ABCD2 Polyclonal antibody

Catalog Number: 18179-1-AP

1 Publications



Basic Information

Catalog Number:

18179-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

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:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse cerebellum tissue,

IP : A431 cells,

IHC : human ovary cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Ahmed M Elmansi	37273159	Geroscience	WB

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

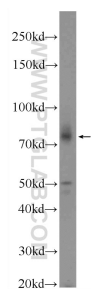
For technical support and original validation data for this product please contact:

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

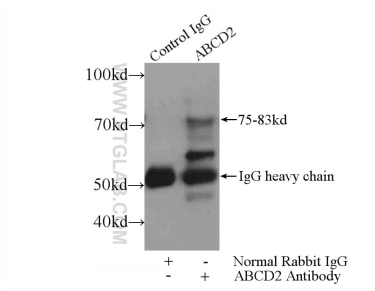
E: proteintech@ptglab.com
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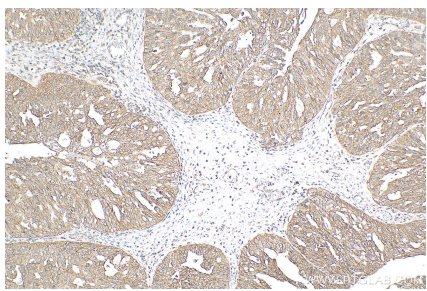
Selected Validation Data



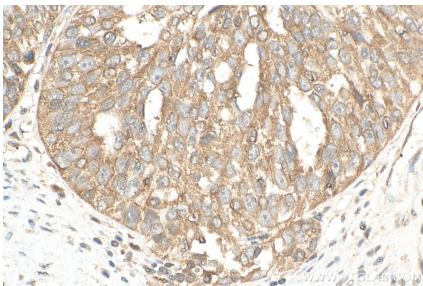
mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 18179-1-AP (ABCD2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-ABCD2 (IP:18179-1-AP, 4ug; Detection:18179-1-AP 1:300) with A431 cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 18179-1-AP (ABCD2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 18179-1-AP (ABCD2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).