

For Research Use Only

ABR Polyclonal antibody, PBS Only

Catalog Number: 29350-1-PBS

Featured Product



Basic Information

Catalog Number:

29350-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29522

GenBank Accession Number:

NM_021962

GeneID (NCBI):

29

UNIPROT ID:

Q12979

Full Name:

active BCR-related gene

Calculated MW:

98 kDa

Observed MW:

97-100 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ABR (Active breakpoint cluster region-related protein) is the only protein known in humans and mice to share high homology with BCR (68% amino acid identity). BCR (Breakpoint cluster region) gene was originally identified due to its involvement in a specific chromosomal translocation that causes the development of chronic myeloid leukemia and a subset of acute lymphoblastic leukemia. The C-terminus is a GTPase-activating protein domain which stimulates GTP hydrolysis by RAC1, RAC2 and CDC42. (PMID: 17116687, PMID: 37507586)

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:

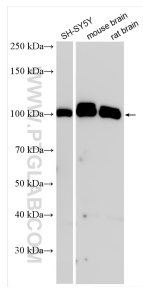
T: 4006900926

E: Proteintech-CN@ptglab.com

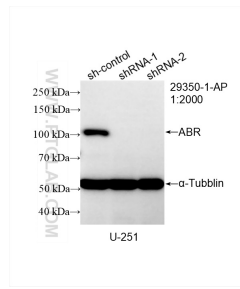
W: ptgcn.com

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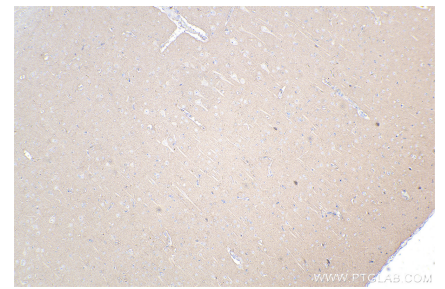
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29350-1-AP (ABR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29350-1-PBS in a different storage buffer formulation.



WB result of ABR antibody (29350-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ABR transfected U-251 cells. This data was developed using the same antibody clone with 29350-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 29350-1-AP (ABR antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29350-1-PBS in a different storage buffer formulation.