

For Research Use Only

# ABR Polyclonal antibody

Catalog Number: 29350-1-AP



## Basic Information

Catalog Number:

29350-1-AP

Size:

1300 ug/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

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

**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 : SH-SY5Y cells, mouse brain tissue, rat brain tissue

IHC : rat brain tissue,

## 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 -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

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

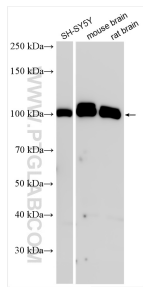
T: 4006900926

E: Proteintech-CN@ptglab.com

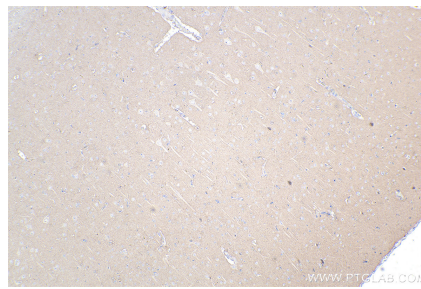
W: ptgcn.com

**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 29350-1-AP (ABR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).