

For Research Use Only

ADARB1 Polyclonal ANTIBODY



Catalog Number: 22248-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:

22248-1-AP

Size:

150UL, Concentration: 233 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17743

GenBank Accession Number:

BC065545

GeneID (NCBI):

104

Full Name:

adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)

Calculated MW:

741 aa, 81 kDa

Observed MW:

70 kDa, 80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, rat

Cited Species:

human, mouse

Positive Controls:

WB: rat brain tissue, A431 cells

IP: A431 cells,

Background Information

ADARB1(Double-stranded RNA-specific editase 1) is also named as ADAR2, DRADA2, RED1 and belongs to the ADAR family. It catalyses the deamination of adenosine to inosine at the GluR2 Q/R site in the pre-mRNA encoding the critical subunit of AMPA receptors. This protein has some isoforms with the molecular weight from 77 kDa to 81 kDa and 7 kDa, but it can be detected a very strong band at 50 kDa in addition to a predicted band at 75 kDa as the result of western blot, while ADARB1 has several alternative splice variants (PMID:23103828).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiang Wang	31491024	PLoS One	WB
Alessia Mirra	28515487	Sci Rep	IF
Lei Peng	29956457	J Cell Mol Med	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

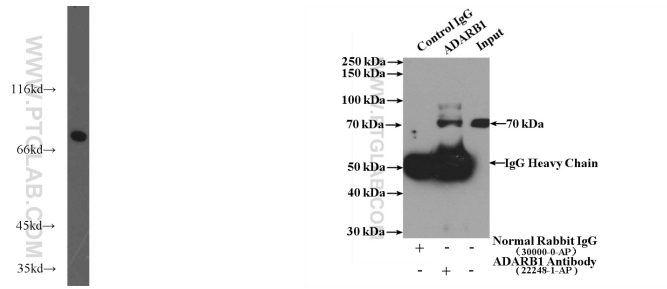
For technical support and original validation data for this product please contact:

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



rat brain tissue were subjected to SDS PAGE followed by western blot with 22248-1-AP (ADARB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

IP Result of anti-ADARB1 (IP:22248-1-AP, 4ug; Detection:22248-1-AP 1:1000) with A431 cells lysate 1200ug.