

ADARB1 Rabbit pAb

Catalog No.: A16748 **1 Publications**

Basic Information

Observed MW

81kDa

Calculated MW

81kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. Alternative splicing of this gene results in several transcript variants, some of which have been characterized by the presence or absence of an ALU cassette insert and a short or long C-terminal region.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

104

Swiss Prot

P78563

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 180-380 of human ADARB1 (NP_001103.1).

Synonyms

RED1; ADAR2; DRABA2; DRADA2; NEDHYMS; ADARB1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

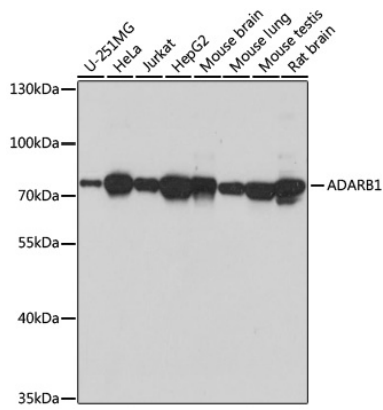
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using ADARB1 Rabbit pAb (A16748) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.