

## Product datasheet for **TA345763**

### RED1 (ADARB1) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB   |
| Reactivity:             | Human  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | The immunogen for anti-ADARB1 antibody: synthetic peptide directed towards the N terminal of human ADARB1. Synthetic peptide located within the following region:<br>NMSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGRKRPLEE |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>                                |
| Purification:           | Affinity Purified  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 80 kDa   |
| Gene Name:              | adenosine deaminase, RNA specific B1   |
| Database Link:          | <a href="#">NP_001028221</a><br><a href="#">Entrez Gene 104 Human P78563</a>   |



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**Background:**

ADARB1 is an 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. 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.

**Synonyms:**

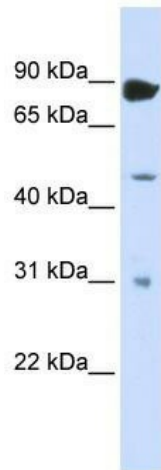
ADAR2; ADAR2a; ADAR2a-L1; ADAR2a-L2; ADAR2a-L3; ADAR2b; ADAR2c; ADAR2d; ADAR2g; DRABA2; DRADA2

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 92%; Rat: 92%; Horse: 92%; Mouse: 92%; Bovine: 83%

**Protein Families:**

Druggable Genome

**Product images:**

WB Suggested Anti-ADARB1 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive  
Control: Transfected 293T