

Rabbit ADARB1 Polyclonal Antibody | anti-ADARB1 antibody

ADARB1 antibody - N-terminal region

CATALOG # AAA198625	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot
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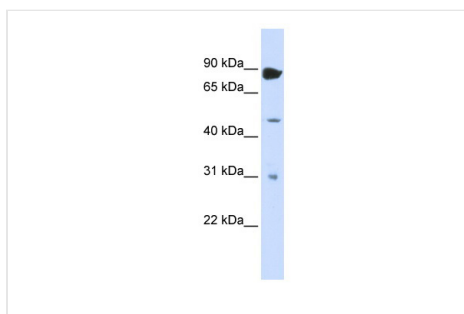
PRODUCT SYNONYMS

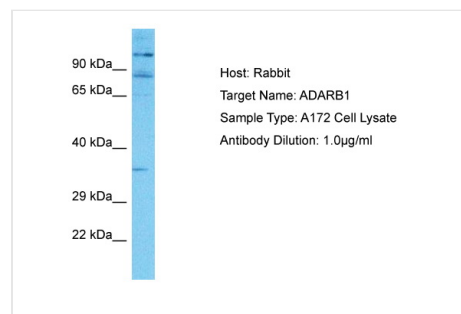
ADARB1; Polyclonal Antibody; ADARB1 antibody - N-terminal region; anti-ADARB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NM SSSSTDVKEN RNLDNVSPKD GSTPGPGEQS QLSNGGGGGP GRKRPLEE
Sequence Length	729
Applicable Applications for anti-ADARB1 antibody	WB (Western Blot)
Homology	Cow: 83%; Dog: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ADARB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

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

WB (Western Blot)

Host: Rabbit
Target Name: ADARB1
Sample Tissue: Human A172 Cell Lysate
Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ADARB1 antibody	This is a rabbit polyclonal antibody against ADARB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ADARB1 antibody	Polyclonal; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709173
NCBI GeneID	104
NCBI Accession #	NP_001028221
NCBI GenBank Nucleotide #	NM_001033049
UniProt Accession #	P78563
Molecular Weight	80kDa
NCBI Official Synonym Full Names	adenosine deaminase RNA specific B1
NCBI Official Symbol	ADARB1
NCBI Official Synonym Symbols	RED1; ADAR2; DRABA2; DRADA2
NCBI Protein Information	double-stranded RNA-specific editase 1
UniProt Protein Name	Double-stranded RNA-specific editase 1
UniProt Gene Name	ADARB1
UniProt Synonym Gene Names	ADAR2; DRADA2; RED1
UniProt Entry Name	RED1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.