

Rabbit ADARB1 Polyclonal Antibody | anti-ADARB1 antibody

ADARB1 antibody - N-terminal region

CATALOG # AAA198624	HOST Rabbit	REACTIVITY Human , Mouse	APPLICATIONS Western Blot
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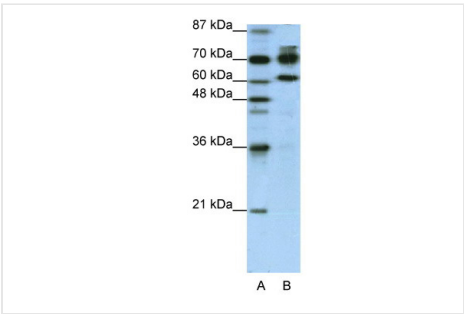
PRODUCT SYNONYMS

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

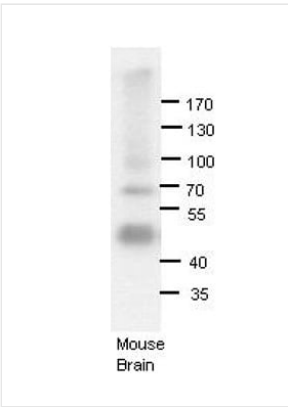
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human , Mouse
Clonality	Polyclonal
Clone Number	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide localized with the following region: QL SNGGGGGPGR KRPLEEGSNG HSKYRLKKRR KTPGPVLPKN ALMQLNEI
Sequence Length	701
Applicable Applications for anti-ADARB1 antibody	WB (Western Blot)
Homology	Cow: 83%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ADARB
Protein Size (# AA)	701 amino acids
Protein Interactions	EBNA1BP2; IFRD2; CCDC124; NIFK; C7orf50; C1orf35; STRBP; BRIX1; SDAD1; ZFR; NOP16; MRTO4; RRS1; BMI1; APP; UBC; PPP2CB; WWP2; PIN1
Blocking Peptide	For anti-ADARB1 antibody
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Tissue Tool	Find tissues and cell lines supported by DNA array analysis to express ADARB1
RNA Seq	Find tissues and cell lines supported by RNA-seq analysis to express 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: 1.25ug/mlELISA Titer: 1:1562500Positive
Control: HepG2 cell lysate



WB (Western Blot)
Sample Type: Mouse brainsADARB1 antibody - N-terminal region validated by WB using
Mouse brains at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-ADARB1 antibody	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; RNA Binding Proteins; Neurobiology; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501919
NCBI GeneID	104
NCBI Accession #	NP_001103
NCBI GenBank Nucleotide #	NM_001112
UniProt Accession #	Q4AE79; P78563
Molecular Weight	77kDa
NCBI Official Full Name	double-stranded RNA-specific editase 1 isoform 1
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

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.