

DNAxPAb

Hard-to-Find
Antibody

ADARB1 DNAxPab

Catalog # H00000104-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADARB1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDIEEENMSSSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGRKRPLEEGSNHG SKYRLKKRRKTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPVHAPLFVMSVEVNGQVFEESGPTK KKAKLHAAEKALRSFVQFPNASEAHLAMGRTLSVNTDFTSDQADFPDTLNFNGFETPDKAEPFFY VGSNGDDSFSSSGDLSLSPVPASLAQPPLPVLPFPFPPPSGKNPVMILNELRPGLKYDFLSES GESHAJSFVMSVVVDGQFFEGSGRNKKLAKARAAQSALAAIFNLHLDQTPSRQPIPISEGLQLHL PQVLADAVSRLVLGKFGDLTDNFSSPHARRKVLGVVMTTGTVDKAKVISVSTGTCINGEYMS DRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDDQKRSIFQKSERGGFRLKENVQFHLYSTPC GDARIFSPHEPILEGSRSYTQAGVQWCNHGSLQPRPPGLLSDPSTSTFQGAGTTEPADRHPRK ARGQLRTKIESGEGTIPVRSNASIQTWGVLQGERLLTMSCSDKIARWNVVGIQGSLLSIFVEPIYFS SIILGSLYHGDHLSRAMYQRISNIEDLPPLYTLNKPILLSGISNAEARQPGKAPNFSVNWTVGDSAIEVI NATTGKDELGRASRLCKHALYCRWMRVHGKVPShLLRSKITKPNVYHESKLAAKEYQAAKARLFT AFIKAGLGAWVEKPTEQDQFSLTP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ADARB1

Entrez GeneID [104](#)

GeneBank Accession# [NM_015833.2](#)

Protein Accession# [NP_056648.1](#)

Gene Name ADARB1

Gene Alias ADAR2, ADAR2a, ADAR2a-L1, ADAR2a-L2, ADAR2a-L3, ADAR2b, ADAR2c, ADAR2d, ADAR2g, DRABA2, DRADA2, RED1

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

Omim ID [601218](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations ADAR2c ADAR2d|OTTHUMP00000115341|OTTHUMP00000115342|RNA editase|RNA editing deaminase 1|RNA-specific adenosine deaminase B1|adenosine deaminase acting on RNA type 2a|adenosine deaminase acting on RNA type2d|adenosine deaminase acting on RNA type2g|adenosine

Disease

- [Tobacco Use Disorder](#)