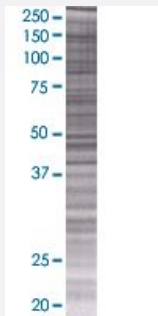


ADARB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000104-T04

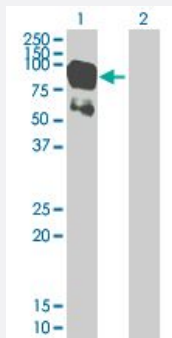
Size 100 uL

Applications



SDS-PAGE Gel

ADARB1 transfected lysate.



Western Blot

Lane 1: ADARB1 transfected lysate (81.51 KDa)

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------------|-------------------------|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-ADARB1 full-length |
| Host | Human |
| Theoretical MW (kDa) | 81.51 |
| Interspecies Antigen Sequence | Mouse (90); Rat (90) |

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADARB1 antibody ([H00000104-B02](#)) by Western Blots.
SDS-PAGE Gel
ADARB1 transfected lysate.
Western Blot
Lane 1: ADARB1 transfected lysate (81.51 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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|adenosin

Disease

- [Tobacco Use Disorder](#)