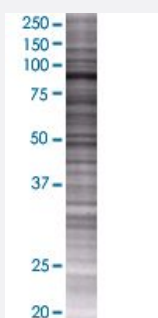


# ADARB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000104-T05

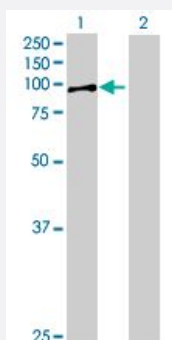
Size 100 uL

## Applications



### SDS-PAGE Gel

ADARB1 transfected lysate.



### Western Blot

Lane 1: ADARB1 transfected lysate ( 80.8 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-ADARB1 full-length
Host	Human
Theoretical MW (kDa)	80.8
Interspecies Antigen Sequence	Mouse (90); Rat (90)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADARB1 antibody ([H00000104-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ADARB1 transfected lysate.  
Western Blot  
Lane 1: ADARB1 transfected lysate ( 80.8 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](#)

## Protein Accession#

[NP\\_056648](#)

## 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](#)