

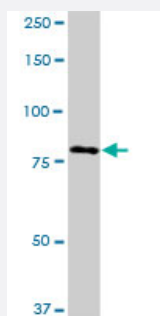
MaxPab®

ADARB1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000104-B01

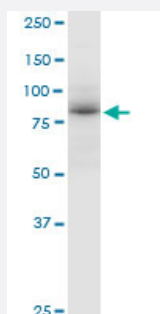
Size 50 uL

Applications



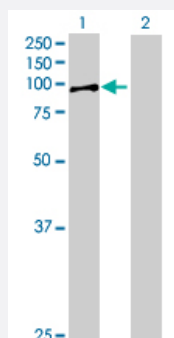
Western Blot (Tissue lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in human kidney.



Western Blot (Cell lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in HepG2.

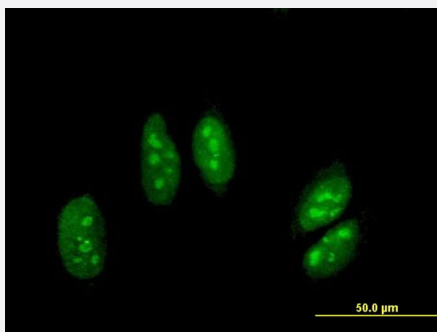


Western Blot (Transfected lysate)

Western Blot analysis of ADARB1 expression in transfected 293T cell line ([H00000104-T05](#)) by ADARB1 MaxPab polyclonal antibody.

Lane 1: ADARB1 transfected lysate(81.51 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADARB1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADARB1 protein.
Immunogen	ADARB1 (NP_056648, 1 a.a. ~ 741 a.a) full-length human protein.
Sequence	MDIEDEENMSSSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGRKRPLEEGSNHG SKYRLKKRRKTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPVHAPLFVMSVEVNGQVFEGSGPTK KKAKLHAAEKALRSFVQFPNASEAHLAMGRTL SVNTDFTSDQADFPDTLNGFETPDKAEPFYP VGSNGDDSFSSSGDLSLSPVPASLAQPPLPVLPFPFPPPSGKNPVMILNELRPGLKYDFLSES GESHAJSFVMSVVVDGQFFEGSGRNKKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHL PQVLADAVSRLVLGKFGDLTDNFSSPHARRKVLGVVMTTGTVDKAKVISVSTGTCINGEYMS DRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDDQKRSIFQKSERGGFRLKENVQFHLYISTSPC GDARIFSPHEPILEGSRSYTQAGVQWCNHGSLQPRPPGLLSDPSTSTFQGAGTTEPADRHPNRK ARGQLRTKIESGEGTIPVRSNASIQTWGVLQGERLLTMSCSDKIARWNVVGIQGSLLSIFVEPIYFS SIILGSLYHGDHLSRAMYQRISNIEDLPPLYTLNKPILLSGISNAEARQPGKAPNFSVNWTVGDSAIEVI NATTGKDELGRASRLCKHALYCRWMRVHGKVP SHLLRSKITKPNVYHESKLAKEYQAAKARLFT AFIKAGLGAWVEKPTEQDQFSLTP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ADARB1 expression in transfected 293T cell line ([H00000104-T05](#)) by ADARB1 MaxPab polyclonal antibody.

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADARB1 on HeLa cell. [antibody concentration 10 ug/ml]

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](#)