

产品名称: ADAR2 Rabbit Polyclonal Antibody  
产品货号: AP Rab06605



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | ADAR2 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA              |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                  |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ADARB1                                                                                                                                        |
| 别名 (Alternative Names) | ADARB1; ADAR2; DRADA2; RED1; Double-stranded RNA-specific editase 1; RNA-editing deaminase 1; RNA-editing enzyme 1; dsRNA adenosine deaminase |
| 基因 ID (Gene ID)        | 104.0                                                                                                                                         |
| 蛋白 ID (SwissProt ID)   | P78563.The antiserum was produced against synthesized peptide derived from human ADARB1. AA range:481-530                                     |

## 产品应用 (Application)

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 80kDa                                                                   |

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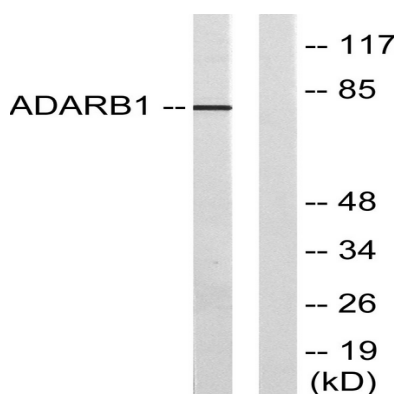


## 研究背景 (Background)

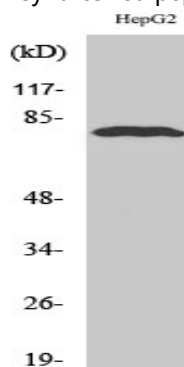
This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. 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, Jul 2008], alternative products: Additional isoforms seem to exist, cofactor: Binds 1 inositol hexakisphosphate (IP6) per subunit, function: Editing of the messenger RNAs for glutamate receptor (GluR) subunits by site-selective adenosine deamination. Edits both the GluR-B Q/R and R/G sites efficiently but converts the adenosine in hotspot1 much less efficiently, similarity: Contains 1 A to I editase domain, similarity: Contains 2 DRBM (double-stranded RNA-binding) domains,

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of lysates from HepG2 cells, using ADARB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ADAR2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic

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and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

**注意事项 (Note)**

For research use only .