

产品名称: GABAA R $\beta$ 2 Rabbit Polyclonal Antibody  
产品货号: APRab11237



## 产品概述 (Summary)

|                        |                                              |
|------------------------|----------------------------------------------|
| 产品名称 (Production Name) | GABAA R $\beta$ 2 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)        | GABRB2                                                                                                          |
| 别名 (Alternative Names) | GABRB2; Gamma-aminobutyric acid receptor subunit beta-2; GABA(A) receptor subunit beta-2                        |
| 基因 ID (Gene ID)        | 2561.0                                                                                                          |
| 蛋白 ID (SwissProt ID)   | P47870.The antiserum was produced against synthesized peptide derived from human GABAA Rbeta2. AA range:382-431 |

## 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 1:20000-1:40000 |
| 蛋白分子量 (Molecular Weight) |                                                                         |

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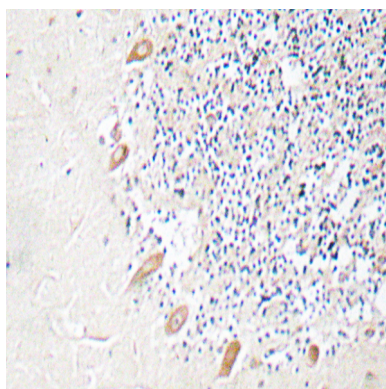
## 研究背景 (Background)

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 2 subunit. It is mapped to chromosome 5q34 in a cluster comprised of genes encoding alpha 1 and gamma 2 subunits of the GABA A receptor. Alternative splicing of this gene generates 2 transcript variants, differing by a 114 bp insertion. [provided by RefSeq, Jul 2008],function:GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.,online information:Forbidden fruit - Issue 56 of March 2005,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Generally pentameric. There are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho. Binds UBQLN1.,

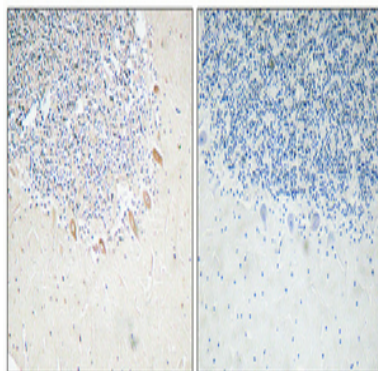
## 研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

## 图片 (Image Data)



Immunohistochemistry analysis of GABAA R $\beta$ 2 antibody in paraffin-embedded human brain tissue.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

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**注意事项 (Note)**

For research use only .