

产品名称: AVP Receptor V3 Rabbit Polyclonal Antibody  
产品货号: APRab07381



## 产品概述 (Summary)

|                        |                                            |
|------------------------|--------------------------------------------|
| 产品名称 (Production Name) | AVP Receptor V3 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                 |
| 宿主 (Host)              | Rabbit                                     |
| 应用 (Application)       | 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)        | AVPR1B AVPR3 VPR3                                                                                                                  |
| 别名 (Alternative Names) | Vasopressin V1b receptor (V1bR; AVPR V1b; AVPR V3; Antidiuretic hormone receptor 1b; Vasopressin V3 receptor)                      |
| 基因 ID (Gene ID)        | 553.0                                                                                                                              |
| 蛋白 ID (SwissProt ID)   | P47901. The antiserum was produced against synthesized peptide derived from the Internal region of human AVPR1B. AA range: 271-320 |

## 产品应用 (Application)

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                          |

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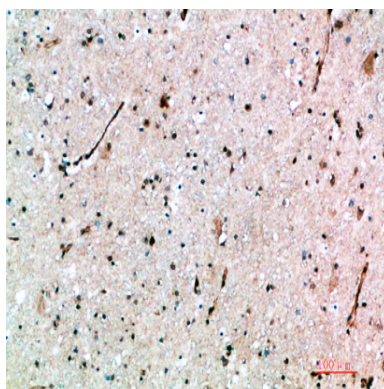
## 研究背景 (Background)

The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known. [provided by RefSeq, Jul 2008],function:Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system.,similarity:Belongs to the G-protein coupled receptor 1 family,.

## 研究领域 (Research Area)

Calcium;Neuroactive ligand-receptor interaction;Vascular smooth muscle contraction;

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

## 注意事项 (Note)

For research use only .