

## 血管紧张素 II-1 型受体抗体

产品货号： mlR23774

英文名称： Angiotensin II Type 1 Receptor

中文名称： 血管紧张素 II-1 型受体抗体

别名： AG2S; Agtr 1; Agtr1; Agtr1a; AGTR1B; Angiotensin II receptor type 1; Angiotensin II type 1 receptor; AT-1B; AT-1r; AT1; At1a; AT1AR; AT1B; AT1BR; AT2R1; AT2R1A; AT2R1B; HAT1R; Type 1 angiotensin II receptor; AGTR1\_HUMAN; Type-1 angiotensin II receptor; Angiotensin II type-1 receptor; AT1R; Ang II; Angiotensin II receptor type 1; Angiotensin II type 1 receptor; Angiotensin receptor 1; Angiotensin receptor 1B; AT 1B; AT1; AT1R.

研究领域： 心血管 细胞生物 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500  
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 39kDa

细胞定位 : 细胞浆 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human Angiotensin II Type 1 Receptor :1-100/359  
<Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors. This gene encodes the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. This gene may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium. It was previously thought that a related gene, denoted as AGTR1B, existed; however, it is now believed that there is only one type 1 receptor gene in humans. At least five transcript variants have been described for this gene. Additional variants have been described but their full-length nature has not been determined. The entire coding sequence is contained in the terminal exon and is present in all transcript variants. [provided by RefSeq].

**Function:**

Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

**Subunit:**

Interacts with MAS1 (Probable). Interacts with ARRB1.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Liver, lung, adrenal and adrenocortical adenomas.

**Post-translational modifications:**

C-terminal Ser or Thr residues may be phosphorylated.

**DISEASE:**

Renal tubular dysgenesis (RTD) [MIM:267430]: Autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype). Note=The disease is caused by mutations affecting the gene represented in this entry.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

P30556

**Gene ID:**

185

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

AT1-受体: 血管紧张素 II-1 型受体抗体,主要用于心血管病方面的研究。

产品图片

