


# Anti-Angiotensin II Type 1 Receptor antibody ab59018

[1 Abreviews](#) [5 References](#) [1 图像](#)

### 概述

产品名称	Anti-Angiotensin II Type 1 Receptor抗体
描述	山羊多克隆抗体to Angiotensin II Type 1 Receptor
宿主	Goat
特异性	All reported variants represent identical protein (NP_000676.1, NP_004826.2, NP_033611.1, NP_114038.1 and NP_114438.1). Preliminary testing was unsuccessful on Rat Liver in Western blot.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Sheep, Rabbit, Guinea pig, Cow, Dog, Pig, Chimpanzee 
免疫原	Synthetic peptide: C-EIQKNKPRNDDIFK , corresponding to internal sequence amino acids 227-240 of Human Angiotensin II Type 1 Receptor

 [Run BLAST with](#)

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### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified

<b>纯化说明</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab59018于以下的经测试应用

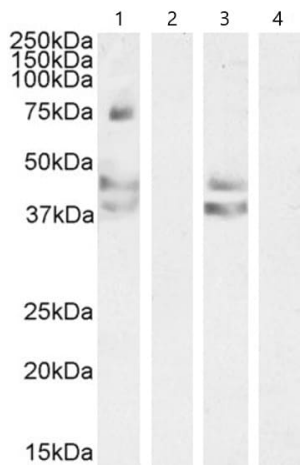
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
<b>WB</b>		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 41 kDa). 1 hour primary incubation is recommended for this product.

## 靶标

<b>功能</b>	Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
<b>组织特异性</b>	Liver, lung, adrenal and adrenocortical adenomas.
<b>疾病相关</b>	Defects in AGTR1 are a cause of renal tubular dysgenesis (RTD) [MIM:267430]. RTD is an 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).
<b>序列相似性</b>	Belongs to the G-protein coupled receptor 1 family.
<b>翻译后修饰</b>	C-terminal Ser or Thr residues may be phosphorylated.
<b>细胞定位</b>	Cell membrane.

## 图片



Western blot - Anti-Angiotensin II Type 1 Receptor antibody (ab59018)

**All lanes :** Anti-Angiotensin II Type 1 Receptor antibody (ab59018)  
at 0.2 µg/ml

**Lane 1 :** Human liver lysate

**Lane 2 :** Human liver lysate with Immunizing peptide

**Lane 3 :** Mouse liver lysate

**Lane 4 :** Mouse liver lysate with Immunizing peptide

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 41 kDa

**Observed band size:** 38 kDa

**Additional bands at:** 45, 75 kDa. We are unsure as to the identity of these extra bands.

**Primary incubation:** 1 hour at room temperature.

Detected by chemiluminescence.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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