

# Anti-Angiotensin II Type 1 Receptor antibody [EPR3873] ab124734

 **RabMAb**

★★★★★ **1 Abreviews**   **35 References**   **6 图像**

## 概述

产品名称	Anti-Angiotensin II Type 1 Receptor抗体[EPR3873]
描述	兔单克隆抗体[EPR3873] to Angiotensin II Type 1 Receptor
宿主	Rabbit
特异性	The immunogen used for this product shares 53% homology with Erbin/LAP2. Cross-reactivity with this protein has not been confirmed experimentally.
经测试应用	<b>适用于:</b> WB, Indirect ELISA <b>不适用于:</b> Flow Cyt or IHC-P
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human Angiotensin II Type 1 Receptor aa 1-100 (N terminal). The exact sequence is proprietary. Database link: <a href="#">P30556</a>
阳性对照	WB: C2C12, PC12, HeLa, and HepG2 whole cell lysate ( <a href="#">ab7900</a> ).
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 0.05% BSA, 59% PBS

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3873
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™承诺保证使用ab124734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
WB	 (1)	1/1000 - 1/10000. Predicted molecular weight: 41 kDa.
Indirect ELISA		Use at an assay dependent concentration.

**应用说明** Is unsuitable for Flow Cyt or IHC-P.

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.
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组织特异性	Liver, lung, adrenal and adrenocortical adenomas.
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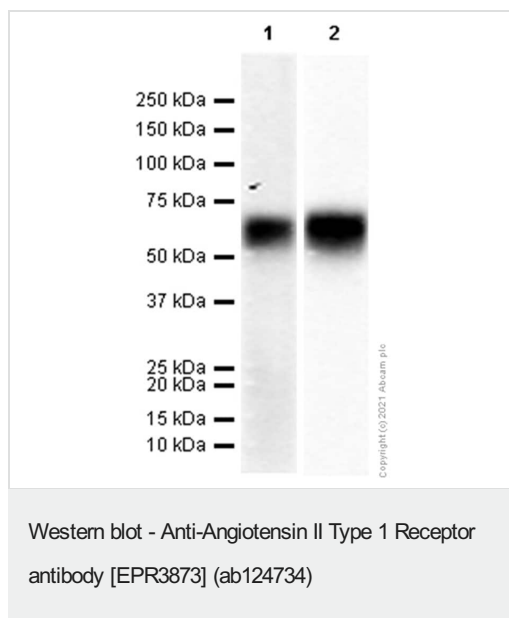
**疾病相关** Defects in AGTR1 are a cause of renal tubular dysgenesis (RTD) [MIM:267430]. RTD is an autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype).

**序列相似性** Belongs to the G-protein coupled receptor 1 family.

**翻译后修饰** C-terminal Ser or Thr residues may be phosphorylated.

**细胞定位** Cell membrane.

图片



**Lane 1 :** Anti-Angiotensin II Type 1 Receptor antibody [EPR3873] (ab124734) at 1/1000 dilution

**Lane 2 :** LIF-tag at 1/10000 dilution

**All lanes :** LIF tagged Recombinant Human AGTR1 protein

Lysates/proteins at 0.01 µg per lane.

### Secondary

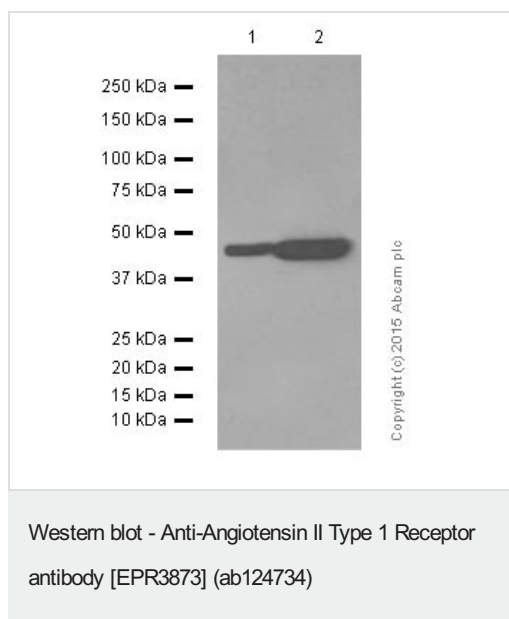
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 41 kDa

**Observed band size:** 62 kDa

**Blocking and diluting buffer and concentration:** 5% NFDM/TBST

**Exposure time:** Lane 1: 40 seconds - Lane 2: 80 seconds.



**All lanes :** Anti-Angiotensin II Type 1 Receptor antibody [EPR3873] (ab124734) at 1/2000 dilution (purified)

**Lane 1 :** C2C12 cell lysate

**Lane 2 :** PC-12 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

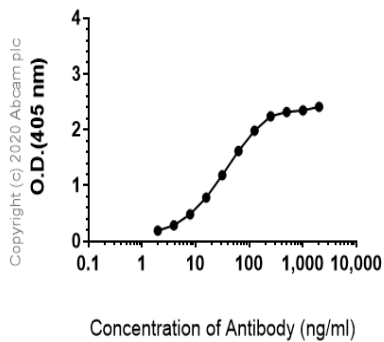
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

**Predicted band size:** 41 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

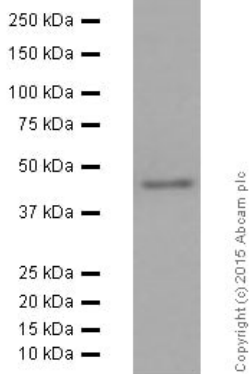
Diluting buffer and concentration: 5% NFDM /TBST.

**Indirect ELISA antibody dose-response curve  
antigen at 250 ng/ml**



Indirect ELISA - Anti-Angiotensin II Type 1 Receptor  
antibody [EPR3873] (ab124734)

ELISA analysis of Human Angiotensin II Type 1 Receptor recombinant protein at 250 ng/mL with ab124734. An Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at 1/2500 dilution was used as the secondary antibody.



Western blot - Anti-Angiotensin II Type 1 Receptor  
antibody [EPR3873] (ab124734)

Anti-Angiotensin II Type 1 Receptor antibody [EPR3873]  
(ab124734) at 1/2000 dilution (purified) + HT-1080 cell lysate at 20  
µg

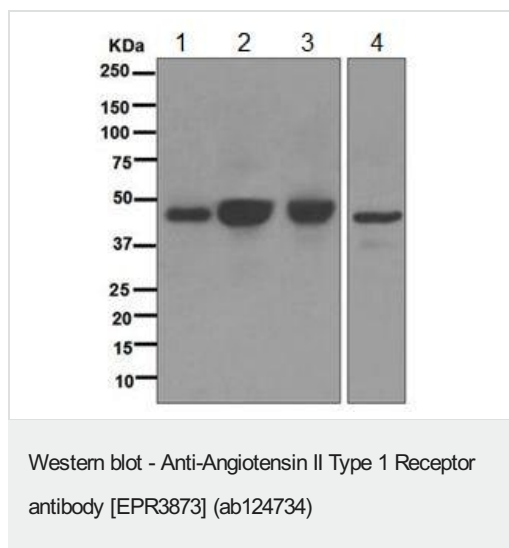
**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/10000 dilution

**Predicted band size:** 41 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



**All lanes :** Anti-Angiotensin II Type 1 Receptor antibody [EPR3873] (ab124734) at 1/1000 dilution (unpurified)

**Lane 1 :** C2C12 cell lysate

**Lane 2 :** PC12 cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

## Secondary

**All lanes :** Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 41 kDa

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-Angiotensin II Type 1 Receptor antibody [EPR3873] (ab124734)

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

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