

Anti-Angiotensin II Type 1 Receptor antibody ab124505

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[2 Abreviews](#)
[26 References](#)
[4 图像](#)

概述

产品名称	Anti-Angiotensin II Type 1 Receptor抗体
描述	兔多克隆抗体to Angiotensin II Type 1 Receptor
宿主	Rabbit
特异性	ab124505 is specific for Angiotensin II Type 1 Receptor (AGTR1) and will not cross-react with AGTR2.
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse
免疫原	Synthetic peptide corresponding to Human Angiotensin II Type 1 Receptor (internal sequence). Database link: P30556 (Peptide available as ab176148)
阳性对照	Mouse kidney tissue lysate; Mouse kidney tissue, mouse kidney cells.
常规说明	<p>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.</p> <p>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</p>

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. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: 99% PBS</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab124505 于以下的经测试应用

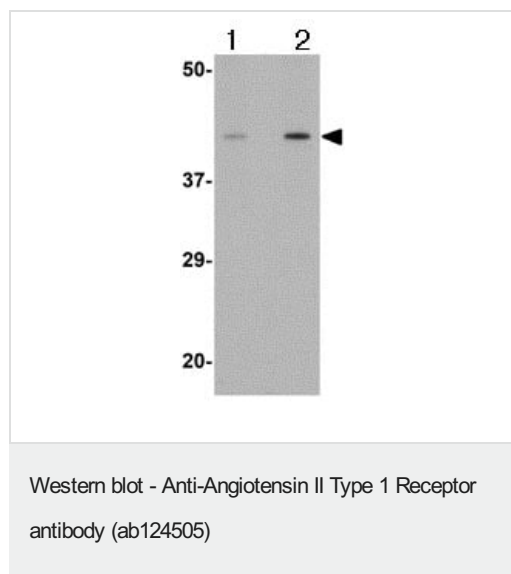
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
ICC/IF		Use a concentration of 20 µg/ml.
WB	★☆☆☆☆ (1)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 41 kDa. Can be blocked with Angiotensin II Type 1 Receptor peptide (ab176148) .
IHC-P		Use a concentration of 2.5 µg/ml.

靶标

功能	Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
组织特异性	Liver, lung, adrenal and adrenocortical adenomas.
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 (ab124505) at 1 µg/ml

Lane 2 : Anti-Angiotensin II Type 1 Receptor antibody (ab124505) at 2 µg/ml

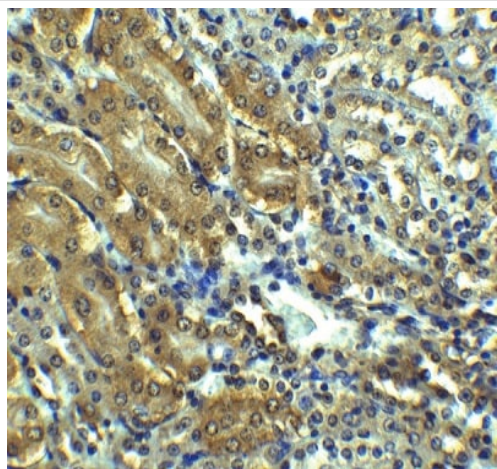
All lanes : Mouse kidney tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 41 kDa

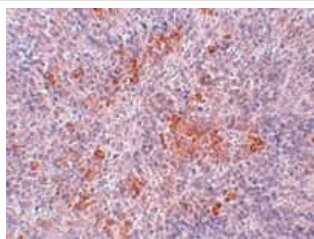
Immunocytochemistry/ Immunofluorescence - Anti-Angiotensin II Type 1 Receptor antibody (ab124505)

Immunofluorescence of AGTR1 in mouse kidney cells using ab124505 at 20 $\mu\text{g/ml}$.



Immunohistochemical analysis of mouse kidney tissue section labelling Angiotensin II Type 1 Receptor with ab124505, at 2.5 $\mu\text{g/ml}$.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Angiotensin II Type 1 Receptor antibody (ab124505)



ab124505, at 2.5 $\mu\text{g/ml}$, staining Angiotensin II Type 1 Receptor in paraffin-embedded Mouse kidney tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Angiotensin II Type 1 Receptor antibody (ab124505)

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

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