

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

リコンビナント **RabMAb**

★★★★★ **1 Abreviews** **35 References** 画像数 6

製品の概要

製品名	Anti-Angiotensin II Type 1 Receptor antibody [EPR3873]
製品の詳細	Rabbit monoclonal [EPR3873] to Angiotensin II Type 1 Receptor
由来種	Rabbit
特異性	The immunogen used for this product shares 53% homology with Erbin/LAP2. Cross-reactivity with this protein has not been confirmed experimentally.
アプリケーション	適用あり: WB, Indirect ELISA 適用なし: Flow Cyt or IHC-P
種交差性	交差種: 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: P30556
ポジティブ・コントロール	WB: C2C12, PC12, HeLa, and HepG2 whole cell lysate (ab7900).
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 0.05% BSA, 59% PBS

精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR3873
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab124734の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

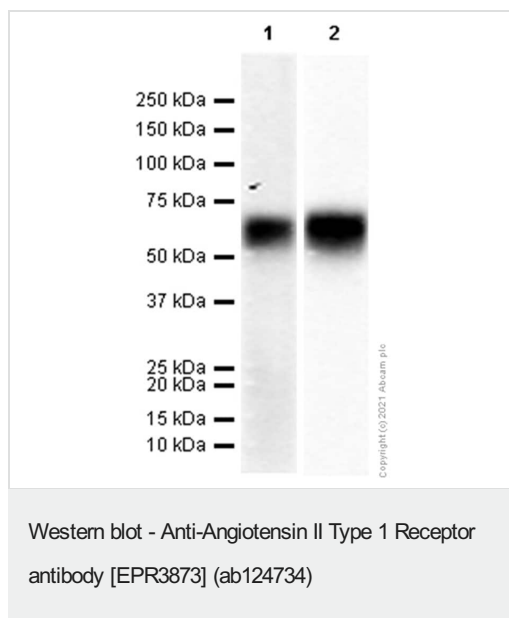
アプリケーション	Abreviews	特記事項
WB	★ ★ ★ ★ ★ (1)	1/1000 - 1/10000. Predicted molecular weight: 41 kDa.
Indirect ELISA		Use at an assay dependent concentration.

追加情報 Is unsuitable for Flow Cyt or IHC-P.

ターゲット情報

機能	Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
組織特異性	Liver, lung, adrenal and adrenocortical adenomas.
関連疾患	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).
配列類似性	Belongs to the G-protein coupled receptor 1 family.
翻訳後修飾	C-terminal Ser or Thr residues may be phosphorylated.
細胞内局在	Cell membrane.

画像



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

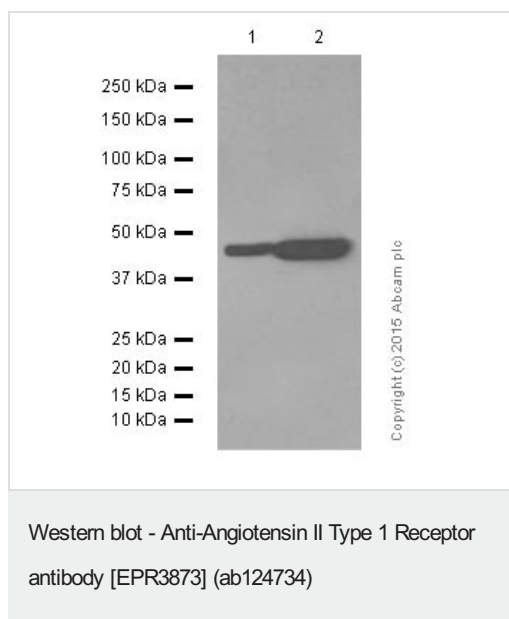
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

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

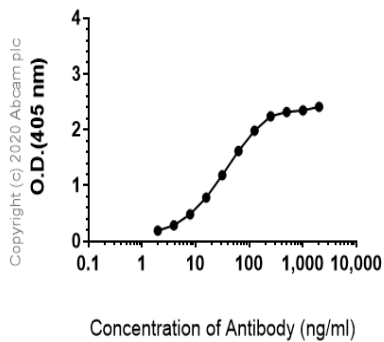
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/50000 dilution

Predicted band size: 41 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

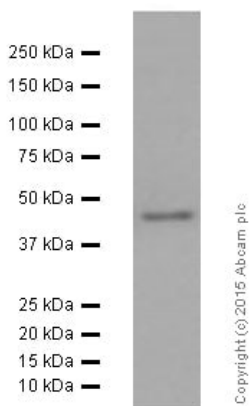
Diluting buffer and concentration: 5% NFDM /TBST.

**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

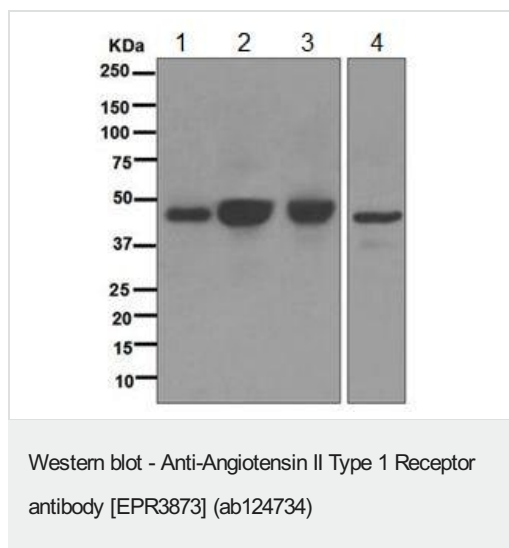
Secondary

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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors