Angiotensin II Type 1 Receptor peptide ab176148

Description

Product name: Angiotensin II Type 1 Receptor peptide
Animal free: No
Nature: Synthetic

Specifications

Our Abpromise guarantee covers the use of ab176148 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications: Blocking - Blocking peptide for Anti-Angiotensin II Type 1 Receptor antibody (ab124505)
Form: Liquid

Preparation and Storage

Stability and Storage: Store at -20°C.
pH: 7.2
Preservative: 0.02% Sodium azide
Constituents: PBS, 0.1% bovine serum albumin

General Info

Function: Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
Tissue specificity: Liver, lung, adrenal and adrenocortical adenomas.
Involvement in disease: 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).
Sequence similarities: Belongs to the G-protein coupled receptor 1 family.
Post-translational modifications: C-terminal Ser or Thr residues may be phosphorylated.
Cellular localization: Cell membrane.
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.com/abpromise or contact our technical team.

Terms and conditions

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