

## Product datasheet

# Angiotensin II Type 1 Receptor peptide ab176148

### Description

<b>Product name</b>	Angiotensin II Type 1 Receptor peptide
<b>Animal free</b>	No
<b>Nature</b>	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.

<b>Applications</b>	Blocking - Blocking peptide for Anti-Angiotensin II Type 1 Receptor antibody ( <a href="#">ab124505</a> )
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Store at -20°C. pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% bovine serum albumin
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### General Info

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

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

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