



# Rabbit Anti-Human AGTR1 Polyclonal Antibody (DPABH-18508)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant Protein, antigen sequence: LQLLKYIPPKAKSHSNLSTKMSTLSYRPSDNVSSSTKKP
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purified
<b>Conjugate</b>	unconjugated
<b>Applications</b>	IHC
<b>Format</b>	Liquid
<b>Size</b>	100 µL
<b>Buffer</b>	40% glycerol and PBS (pH 7.2).
<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

## BACKGROUND

**Introduction**      Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors. This gene encodes the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. This gene may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium. It was previously thought that a related gene, denoted as AGTR1B,

existed; however, it is now believed that there is only one type 1 receptor gene in humans. Multiple alternatively spliced transcript variants have been reported for this gene. [provided by RefSeq, Jul 2012]

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**Keywords** AGTR1; angiotensin II receptor, type 1; AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1B; type-1 angiotensin II receptor; type-1B angiotensin II receptor;

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## GENE INFORMATION

Entrez Gene ID [185](#)

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UniProt ID [P30556](#)

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