



# 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:<br>LQLLK YIPPAKSHSNLSTKMSTLSYRPSDNVSSSTKKP  |
| <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

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|---------------------|---|
| <b>Introduction</b> | 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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