Angiotensin II Type 1 Receptor Antibody HRP Conjugated

Catalog No: #C03946H

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Description

Product Name	Angiotensin II Type 1 Receptor Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human AT1R
Conjugates	HRP
Target Name	Angiotensin II Type 1 Receptor
Other Names	AG2S; Agtr 1; Agtr1; Agtr1a; AGTR1B; Angiotensin II receptor type 1; Angiotensin II type 1 receptor; AT-1B; AT-1r; AT1; At1a; AT1AR; AT1B; AT1BR; AT2R1; AT2R1A; AT2R1B; HAT1R; Type 1 angiotensin II receptor; AGTR1_HUMAN; Type-1 angiotensin II receptor; Angiotensin II type-1 receptor; AT1R; Ang II; A
Accession No.	NCBI Gene ID185
Uniprot	P30556
GeneID	185;
Excitation Emission	N A
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200

Background

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. At least five transcript variants have been described for this gene. Additional variants have been described but their full-length nature has not been determined. The entire coding sequence is contained in the terminal exon and is present in all transcript variants. [provided by RefSeq].

Note: This product is for in vitro research use only