

anti-Human, Mouse AGTR1 Polyclonal Antibody | anti-AGTR1 antibody

Anti-AGTR1 Antibody

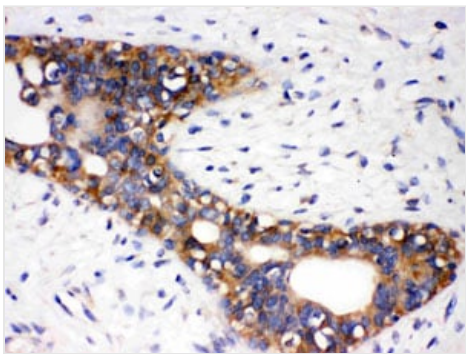
CATALOG #	REACTIVITY	APPLICATIONS
AAA46452	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

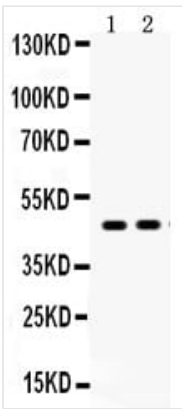
AGTR1; Polyclonal Antibody; Anti-AGTR1 Antibody; Type-1 angiotensin II receptor; AG2S; Agtr 1; Agtr1; AGTR1_HUMAN; Agtr1a; AGTR1B; Ang II; Angiotensin II receptor type 1; Angiotensin II type-1 receptor; Angiotensin receptor 1; Angiotensin receptor 1B; AT 1B; AT 1r; AT1; At1a; AT1AR; AT1B; AT1BR; AT1R; AT2R1; AT2R1A; AT2R1B; HAT1R; Type 1 angiotensin II receptor; Type 1B angiotensin II receptor; angiotensin II receptor; type 1; anti-AGTR1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized
Sequence Length	359
Applicable Applications for anti-AGTR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human AGTR1 (1-28aa MILNSSTEDGIKRIQDDCPKAGRHHYIF), different from the related mouse and rat sequences by one amino acid.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti- AGTR1 Picoband antibody, AAA46452, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti- AGTR1 Picoband antibody, AAA46452, Western blottingAll lanes: Anti AGTR1 (AAA46452) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: HEPA Whole Cell Lysate at 40ugPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-AGTR1 antibody	Description: Rabbit IgG polyclonal antibody for Type-1 angiotensin II receptor(AGTR1) detection. Tested with WB, IHC-P in Human;Mouse. Background: AGTR1 is known as Angiotensin II Type 1 Receptor. 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. And 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. Moreover, 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.
References	1. "Entrez Gene: AGTR1 angiotensin II receptor, type 1". 2. Catt KJ, Mendelsohn FA, Millan MA, Aguilera G (1984). "The role of angiotensin II receptors in vascular regulation". J. Cardiovasc. Pharmacol. 6(Suppl 4): S575-86. 3. Higuchi S, Ohtsu H, Suzuki H, Shirai H, Frank GD, Eguchi S (2007). "Angiotensin II signal transduction through the AT1 receptor: novel insights into mechanisms and pathophysiology". Clin. Sci. 112 (8): 417-28.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501997
NCBI GeneID	185
NCBI Accession #	NP_000676.1
NCBI GenBank Nucleotide #	NM_000685.4
UniProt Accession #	P30556; Q13725; Q8TBK4
NCBI Official Full Name	type-1 angiotensin II receptor isoform 1
NCBI Official Synonym Full Names	angiotensin II receptor type 1
NCBI Official Symbol	AGTR1
NCBI Official Synonym Symbols	AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1B
NCBI Protein Information	type-1 angiotensin II receptor
UniProt Protein Name	Type-1 angiotensin II receptor
UniProt Gene Name	AGTR1

UniProt Synonym Gene Names	AGTR1A; AGTR1B; AT2R1; AT2R1B; AT1
UniProt Entry Name	AGTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/agtr1-antibody-immunohistochemistry-western-blot-elisa/46452>