

Rabbit AGTR1 Polyclonal Antibody | anti-AGTR1 antibody

AGTR1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199065	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot

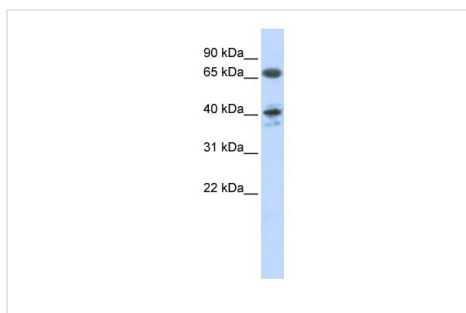
PRODUCT SYNONYMS

AGTR1; Polyclonal Antibody; AGTR1 antibody - N-terminal region; anti-AGTR1 antibody

PRODUCT SPECIFICATIONS

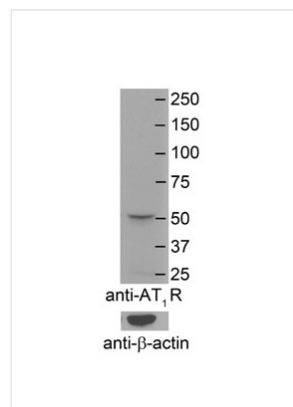
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IL NSSTEDGIKR IQDDCPKAGR HNYIFVMIPT LYSIIFVVGIFGNSLVVI
Sequence Length	359
Applicable Applications for anti-AGTR1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AGTR1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-AGTR1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human heart



WB (Western Blot)

Sample Type: Mouse Brain Membranes
AGTR1 antibody - N-terminal region validated by WB using Mouse Brain Membranes at 1:4000.

ADDITIONAL INFORMATION

Related Product Information for anti-AGTR1 antibody	This is a rabbit polyclonal antibody against AGTR1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. AGTR1 is the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. AGTR1 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. 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.
Product Categories/Family for anti-AGTR1 antibody	Polyclonal; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Cardiovascular; Tissue Specific & Cell Marker; Receptors; GPCR; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	395455058
NCBI GeneID	185
NCBI Accession #	NP_004826
NCBI GenBank Nucleotide #	NM_004835
UniProt Accession #	P30556
Molecular Weight	41kDa
NCBI Official Full Name	type-1 angiotensin II receptor isoform 2
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.