

ARG64140 anti-AGTR1 / AT1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AGTR1 / AT1
Tested Reactivity	Hu, Ms
Tested Application	WB
Specificity	All reported variants represent identical protein (NP_000676.1, NP_004826.2, NP_033611.1, NP_114038.1 and NP_114438.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AGTR1 / AT1
Species	Human
Immunogen	C-EIQKNKPRNDDIFK
Conjugation	Un-conjugated
Alternate Names	AT1AR; Angiotensin II type-1 receptor; AT1R; Type-1 angiotensin II receptor; AT1BR; AG2S; AT2R1; HAT1R; AT1; AGTR1B; AT1B

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 185 Human Swiss-port # P30556 Human
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. Multiple alternatively spliced transcript variants have been reported for this gene. [provided by RefSeq, Jul 2012]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody
Calculated Mw	41 kDa
PTM	C-terminal Ser or Thr residues may be phosphorylated.

Images



ARG64140 anti-AGTR1 / AT1 antibody WB image

Western Blot: Mouse Liver lysate (35 µg protein in RIPA buffer) stained with ARG64140 anti-AGTR1 / AT1 antibody at 0.3 µg/ml dilution.