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Angiotensin II Type 1 Receptor Rabbit pAb

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Catalog Number:	bs-23774R
Target Protein:	Angiotensin II Type 1 Receptor
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse, Rat (predicted:Human, Rabbit, Pig, Sheep, Dog)
Predicted MW:	39 kDa
Entrez Gene:	185
Swiss Prot:	P30556
Source:	KLH conjugated synthetic peptide derived from human Angiotensin II Type 1 Receptor : 1-100/359.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
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].

VALIDATION IMAGES
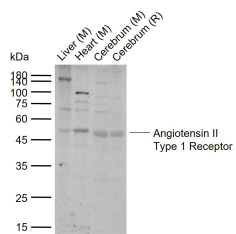
Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Heart tissue lysates Lane 3: Mouse Cerebrum tissue lysates Lane 4: Rat Cerebrum tissue lysates Primary: Anti-Angiotensin II Type 1 Receptor (bs-23774R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kDa Observed band size: 50 kDa