



Anti-AT1/Angiotensin II Type 1 Receptor Rabbit pAb

WL02763

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-AT1/Angiotensin II Type 1 Receptor Rabbit pAb		
Source	Rabbit		
Species reactivity	Human		
Tested applications	WB	1:1000-1:2000	
	IHC	1:100-1:400	
Cellular localization	Cell membrane		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Angiotensin II type 1 receptor, or AT1 receptor is the best characterized angiotensin receptor. It has vasopressor effects and regulates aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. Angiotensin II receptor antagonists are drugs indicated for hypertension, diabetic nephropathy and congestive heart failure. Angiotensin II receptor type 1 has been shown to interact with Zinc finger and BTB domain-containing protein 16. The protein's mRNA has been reported to interact with Mir-132 microRNA as part of an RNA silencing mechanism that reduces receptor expression.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of AT1/Angiotensin II Type 1 Receptor.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

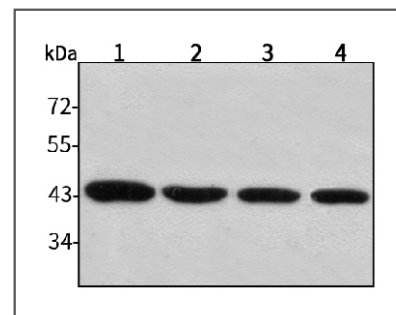


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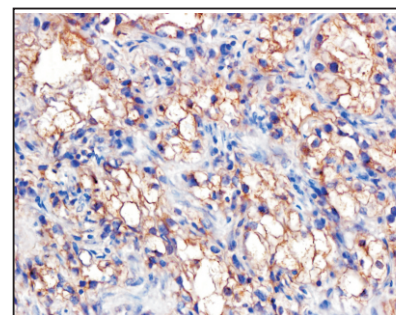
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Product Images



Western blot-Anti-AT1/Angiotensin II Type 1 Receptor pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MCF-7 cell lysate
 All lanes: Anti-AT1/Angiotensin II Type 1 Receptor at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 41 kDa
 Observed band size: 41 kDa



Immunohistochemistry-Anti-AT1/Angiotensin II Type 1 Receptor pAb

Immunohistochemical analysis of paraffin-embedded human stomach cancer using anti-AT1/Angiotensin II Type 1 Receptor Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0