

AGTR1 Antibody

Catalog No: #24966

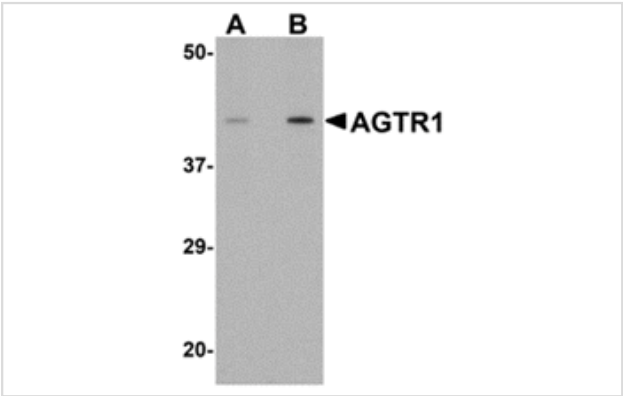


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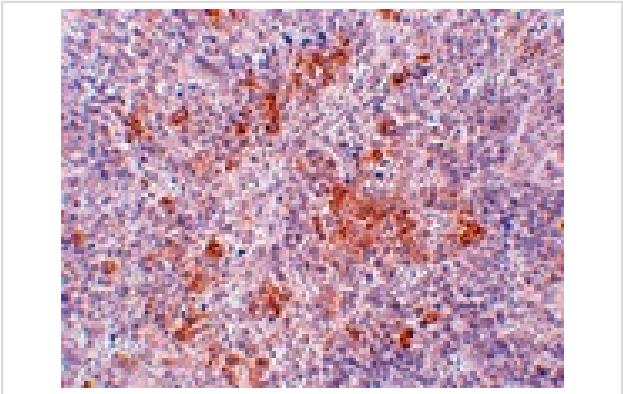
Description

Product Name	AGTR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the center of human AGTR1.
Target Name	AGTR1
Other Names	Angiotensin II receptor type 1, Ang II, AT1, AT1R
Accession No.	Swiss-Prot:P30556Gene ID:185
Uniprot	P30556
GeneID	185;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of AGTR1 in mouse kidney tissue lysate with AGTR1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of AGTR1 in mouse kidney tissue with AGTR1 antibody at 2.5 ug/mL.

Background

Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion that acts through at least two types of receptors, AGTR1 and AGTR2. It is an important effector controlling blood pressure and volume in the cardiovascular system and plays a major role in the development of the mammalian kidney and urinary tract. AGTR1, the type 1 receptor, is thought to mediate the major cardiovascular effects of angiotensin II and may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium. AGTR1 has recently been found to regulate the differentiation of bone marrow-derived monocyte lineage progenitors from hematopoietic stem cells, indicating the diversity of the roles of AGTR1.

Note: This product is for in vitro research use only