

Angiotensin(1-7) Mas Receptor Rabbit Polyclonal Antibody(A179)

Catalog No: RA20133

Basic Information

Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Angiotensin(1-7) Mas Receptor protein.
Recommended dilutions	WB: 1:2,000-5,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

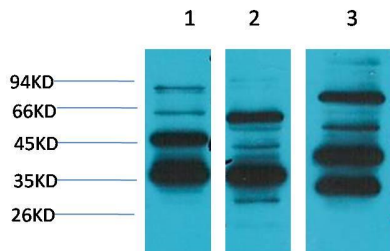
Background

Alternative Names	Mas antiobdy, Mas1 antibody
Observed band	36-50
Human Gene ID	4142
Human Swiss-Prot Number	P04201

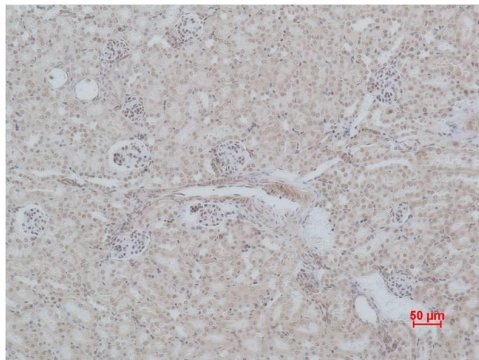
Background

The angiotensin-(1-7) Mas receptor is the recently identified receptor of the biologically active heptapeptide angiotensin-(1-7). Angiotensin (Ang)-(1-7) is a metabolite of the well known peptide hormone Angiotensin (Ang) II, a key component of the renin-angiotensin system (RAS) that has a central role in cardiovascular homeostasis.

Selected Validation Data



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with Angiotensin (1-7) Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using Angiotensin(1-7) Mas Receptor Rabbit pAb diluted at 1:500.