



Goat anti-AGTR1 / AT1 Antibody

Item Number	dAP-0999
Target Molecule	Principle Name: AGTR1 / AT1; Official Symbol: AGTR1; All Names and Symbols: AGTR1; AT1; angiotensin II receptor, type 1 ; AG2S; AGTR1A; AGTR1B; AT1B; AT2R1; AT2R1A; AT2R1B; HAT1R; angiotensin receptor 1; angiotensin receptor 1B; type-1B angiotensin II receptor; Accession Number (s): NP_000676.1; NP_004826.2; NP_033611.1; NP_114038.1; NP_114438.1; Human Gene ID(s): 185; Non-Human GeneID (s): 11607 (mouse) 24180 (rat)
Immunogen	EIQKNKPRNDDIFK, is from internal region All reported variants represent identical protein (NP_000676.1, NP_004826.2, NP_033611.1, NP_114038.1 and NP_114438.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 38kDa band observed in Liver lysates of Human and Mouse (calculated MW of 41.1kDa according to NP_000676.1, NP_004826.2, NP_033611.1, NP_114038.1 and NP_114438.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Wang M, Jiang C, Wang C, Yao Q. The Role of brain angiotensinergic AT(1) receptor in the carbachol-induced natriuresis and expression of nNOS in the Locus Coeruleus (LC) and proximal convoluted tubule (PCT). Physiol Res. 2006 Aug 22; [Epub ahead of print] .PMID: 16925472 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**