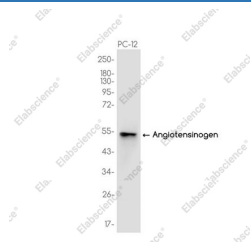
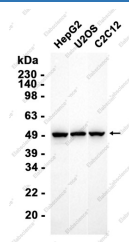


Recombinant Angiotensinogen/AGT Monoclonal Antibody

catalog number: AN300511P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse Angiotensinogen/AGT Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C130206
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS
Applications	
WB	1:1000
IP	1:20-1:50

Data	
 Western blot analysis of extracts from PC-12 cells at 1:1000. Observed-MW:52 kDa Calculated-MW:52 kDa	 Western blot analysis of extracts from HepG2,U2OS,C2C12 cells at 1:1000. Observed-MW:52 kDa Calculated-MW:52 kDa

Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background	
The protein encoded by this gene, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. The protein is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease. [provided by RefSeq, Jul 2008]	

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