Recombinant Angiotensinogen/AGT Monoclonal Antibody

catalog number: **AN300511P**

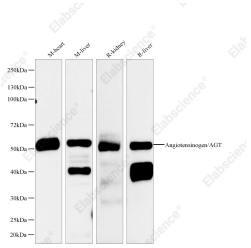
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse Angiotensinogen/AGT Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C130206
Purification	Affinity Purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:1000
IP	1:20-1:50

Data



Western blot analysis of Mouse heart, Mouse liver, Rat kidney and Rat liver cell lysates using Angiotensinogen/AGT Antibody (AN300511P) at a dilution of 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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