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Angiotensinogen Polyclonal Antibody

Cat #: G-AB-12696

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Angiotensinogen is a precursor of angiotensin II (Ang II),is expressed and synthesized largely in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. It has a key role in mediating vascular constriction and regulating salt and fluid homeostasis. The resulting product,angiotensin I,is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. 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.

Gene ID: 183

Accession #:

Immunogen: Recombinant Mouse Angiotensinogen protein

Conjugation:

Swissprot: P11859

Calculated Molecular Weight: 52 kDa

Observed Molecular Weight: 52 kDa

Concentration: 1mg/mL

Buffer: PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

Purification Method: Antigen Affinity Purification

Application: WB,IHC

Dilution: WB 1:2000-1:5000 IHC 1:100-1:300

Storage: Store at -20. Avoid freeze / thaw cycles.