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ACE1 Polyclonal Antibody

Cat #: G-AB-05270

Host: Rabbit **Reactivity:** Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This gene encodes an enzyme involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. Angiotensin II is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Many studies have associated the presence or absence of a 287 bp Alu repeat element in this gene with the levels of circulating enzyme or cardiovascular pathophysiologies. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, and two most abundant spliced variants encode the somatic form and the testicular form, respectively, that are equally active.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse ACE

Conjugation: Unconjugated

Swissprot: P09470,P47820

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 200 g/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:300-1:1000

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