

Angiotensinogen Polyclonal antibody

Catalog Number: 18303-1-AP

Basic Information

Catalog Number: 18303-1-AP	GenBank Accession Number: BC011519	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 160 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 183	
Source: Rabbit	Full Name: angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	
Isotype: IgG	Calculated MW: 53 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

Angiotensin is a part gene (34-43aa) of Angiotensinogen (Serpin A8, 485aa). In response to lowered blood pressure, the enzyme renin cleaves angiotensin-1 (34-43aa) from angiotensinogen. ACE (angiotensin converting enzyme) then removes a dipeptide to yield the physiologically active peptide angiotensin-2 (34-41aa), the most potent pressor substance known, which helps regulate volume and mineral balance of body fluids. Angiotensin-3 (35-41aa) stimulates aldosterone release.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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