

Angiotensinogen Polyclonal antibody

Catalog Number: 18303-1-AP

Basic Information

Catalog Number:

18303-1-AP

Size:

160 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC011519

GeneID (NCBI):

183

UNIPROT ID:

P01019

Full Name:

angiotensinogen (serpin peptidase inhibitor, clade A, member 8)

Calculated MW:

53 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

Angiotensin is a part gene (34-43aa) of Angiotensinogen (Serpins 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

