

For Research Use Only

# Angiotensinogen Polyclonal antibody

Catalog Number: 18303-1-AP



## Basic Information

**Catalog Number:**

18303-1-AP

**Size:**

150ul , Concentration: 160 µg/ml by Bradford method using BSA as the standard;

**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 (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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## Selected Validation Data