

# Angiogenin Polyclonal antibody

Catalog Number: 16709-1-AP

## Basic Information

**Catalog Number:**

16709-1-AP

**Size:**

130 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10120

**GenBank Accession Number:**

BC054880

**GeneID (NCBI):**

283

**UNIPROT ID:**

P03950

**Full Name:**

angiogenin, ribonuclease, RNase A family, 5

**Calculated MW:**

147 aa, 17 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human

## Background Information

Angiogenin (ANG), an angiogenic ribonuclease, is a member of the vertebrate-specific, secreted RNASE superfamily. Angiogenin, originally identified as a tumor angiogenic factor, was related with the growth and metastasis of numerous tumors. Angiogenin is also a component of normal human plasma and follicular fluid. Its widespread expression in human tissues suggests angiogenin may have biological functions in addition to the promotion of angiogenesis. Recently, its biological activity has been extended to stimulating cell proliferation and promoting cell survival. It is a 17 kDa precursor which is cleaved to generate the 14 kDa mature protein.

## 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

