

# ANG Rabbit Polyclonal Antibody



CAB1546

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

### Calculated MW:

16kDa

### Applications:

IHC IF

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

IHC 1:50 - 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. In addition, the mature peptide has antimicrobial activity against some bacteria and fungi, including *S. pneumoniae* and *C. albicans*. Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region.

## Immunogen information

### Gene ID:

283

### Uniprot

P03950

### Synonyms:

ANG; ALS9; HEL168; RAA1; RNASE4; RNASE5

### Immunogen:

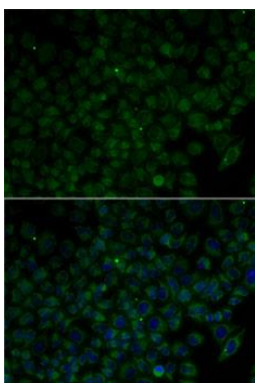
Recombinant fusion protein containing a sequence corresponding to amino acids 25-147 of human ANG (NP\_001091046.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Immunofluorescence analysis of HeLa cells using ANG antibody (CAB1546). Blue: DAPI for nuclear staining.