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ANG

Reactivity: Human Mouse

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:17kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ANG

Storage Buffer:

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

Concentration:

a

Synonym:

ALS9; HEL168; MGC22466; MGC71966; RNASE4; RNASE5;

Catalog #:A1546

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:283

Isotype: IgG

Swiss Prot:P03950

Purity: Affinity purification

For research use only.

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.

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