

ANG I Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00439

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from the N-terminal region of human

ANG. AA range:11-60

Mol wt 16550

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name ANG I Antibody

Synonyms ANG; RNASE5; Angiogenin; Ribonuclease 5; RNase 5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

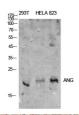
Angiogenin encoded by ANG is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. In addition, the mature peptide has antimicrobial activity against some bacteria and fungi, including 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of 293T, Hela, 823 cells using ANG I Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus.



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

Storage

-20°C for one year

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