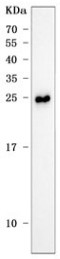
Ang Antibody / Angiogenin (RQ8030)

Catalog No.	Formulation	Size
RQ8030	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q5WRG2
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Ang antibody is available for research use only.



Western blot testing of rat liver tissue lysate with Ang antibody. Predicted molecular weight ~16 kDa.

Description

Angiogenin (ANG) also known as Ribonuclease 5 is a small 123 amino acid protein that in humans is encoded by the ANG gene. Predicted to enable several functions, including actin binding activity; heparin binding activity; and protein homodimerization activity. Involved in liver development. Predicted to be located in several cellular components, including growth cone; neuronal cell body; and nucleolus. Predicted to be part of angiogenin-PRI complex. Human ortholog(s) of this gene implicated in diabetic retinopathy; myocardial infarction; neurodegenerative disease (multiple); and prostate cancer. Orthologous to human ANG (angiogenin).

Application Notes

Optimal dilution of the Ang antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant rat protein (amino acids Q25-L145) was used as the immunogen for the Ang antibody.

Storage

After reconstitution, the Ang antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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