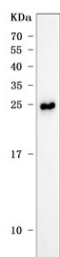


## Ang Antibody / Angiogenin (RQ8030)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q5WRG2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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-PR1 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.