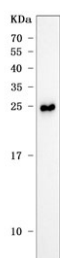


## Ang Antibody / Angiogenin (RQ8030)

| 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>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<br>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-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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.