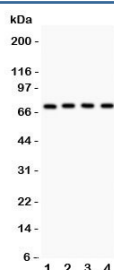


## Neuregulin-1 Antibody (R31712)

Catalog No.	Formulation	Size
R31712	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>	Human
<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
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	3084
<b>Localization</b>	Cytoplasmic, can be nuclear and membrane
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This Neuregulin-1 antibody is available for research use only.



Western blot testing of Neuregulin-1 antibody and Lane 1: MCF-7; 2: SKOV; 3: 22RV1; 4: COLO320 lysate. Predicted/observed size ~70KD

## Description

Neuregulin-1 is a membrane glycoprotein that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from the NRG1 gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD).

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Neuregulin-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 2-241) was used as the immunogen for this Neuregulin-1 antibody.

## Storage

After reconstitution, the Neuregulin-1 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.