

# NRG1 Rabbit pAb

Catalog No.: A0687

## Basic Information

### Catalog No.

A0687

### Observed MW

70kDa

### Calculated MW

26kDa/31kDa/45- 50kDa/65-71kDa

### Category

Primary antibody

### Applications

WB, IHC, IF

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:100
<b>IF</b>	1:50 - 1:100

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

The protein encoded by this gene 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 this 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).

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
3084	Q02297

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-241 of human NRG1 (NP\_039252.2).

### Synonyms

NRG1;ARIA;GGF;GGF2;HGL;HRG;HRG1;HRGA;MST131;MSTP131;NDF;NRG1-IT2;SMDF

## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

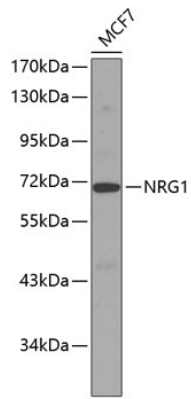
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of MCF-7 cells, using NRG1 antibody (A0687).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.