

## Anti-NRG1 antibody

<b>Cat. No.</b>	ml263022
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NRG1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human NRG1
<b>Reactivity</b>	Human, Rat
<b>Content</b>	1.1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NRG1
<b>Full name</b>	neuregulin 1

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

**Swissprot** Q02297

### **Target 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).

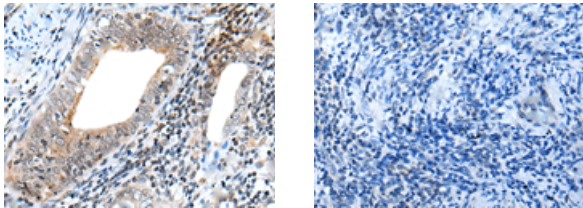
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human cervical cancer

Recommended dilution: 40-250



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml263022(NRG1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size:70 kDa

Positive control:Human fetal brain tissue, Jurkat,293T and Hela cell lysates

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

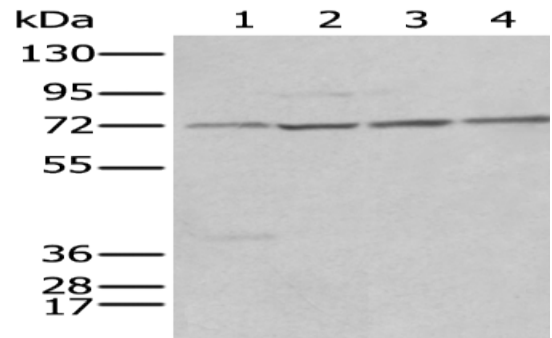
Lysate: 40  $\mu$ g

Lane 1-4: Human fetal brain tissue, Jurkat,293T and Hela cell lysates

Primary antibody: ml263022(NRG1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 5000-10000

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