

A2599

Leader in Biomolecular Solutions for Life Science



## NRG4 Rabbit pAb

Catalog No.: A2599

### Basic Information

#### Observed MW

13kDa

#### Calculated MW

13kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation (Harari et al., 1999 [PubMed 10348342]).

### Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

145957

#### Swiss Prot

Q8WWG1

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NRG4 (NP\_612640.1).

#### Synonyms

HRG4; NRG4

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

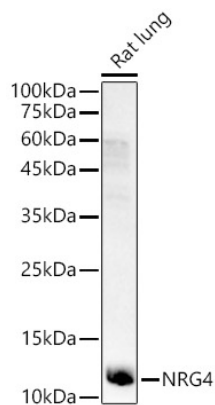
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from Rat lung, using NRG4 Rabbit pAb (A2599) at 1:1000 dilution.

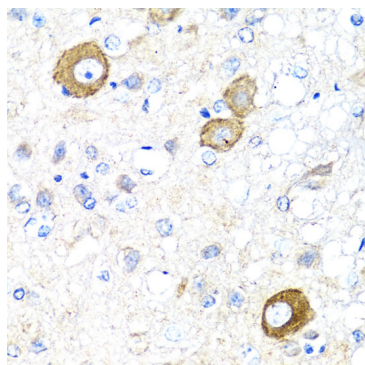
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

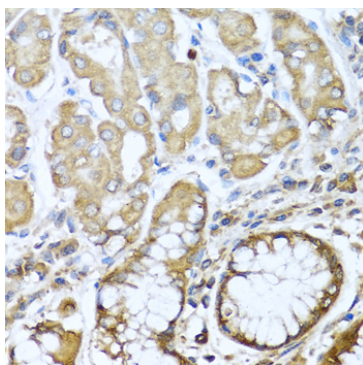
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

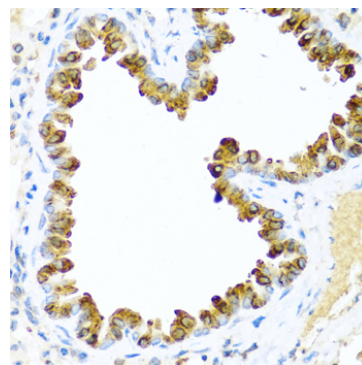
Exposure time: 60s.



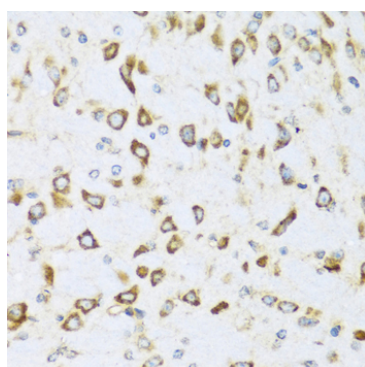
Immunohistochemistry analysis of paraffin-embedded Rat brain using NRG4 Rabbit pAb (A2599) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using NRG4 Rabbit pAb (A2599) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using NRG4 Rabbit pAb (A2599) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using NRG4 Rabbit pAb (A2599) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.