

NRG1 Rabbit pAb

Catalog No.: A0085

Basic Information

Observed MW

56kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

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).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3084

Swiss Prot

Q02297

Immunogen

A synthetic peptide of human NRG1

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

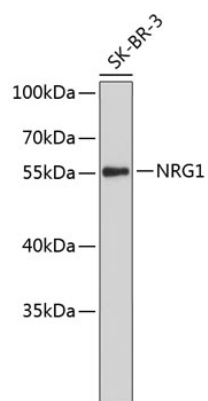
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of lysates from SK-BR-3 cells, using NRG1 Rabbit pAb (A0085).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.