

## Rabbit NRG4 Polyclonal Antibody | anti-NRG4 antibody

NRG4 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA326795</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

NRG4; Polyclonal Antibody; NRG4 Antibody; DKFZp779N0541; DKFZp779N1944; Heregulin 4; HRG4; Neuregulin 4; Neuregulin-4; NRG-4; NRG4\_HUMAN; pro-neuregulin-4; membrane-bound isoform; Pro-NRG4; anti-NRG4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                   |
| Reactivity                                     | Human, Mouse, Rat                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                               |
| Isotype                                        | IgG                                                                                                                      |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                       |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                  |
| Sequence Length                                | 115                                                                                                                      |
| Applicable Applications for anti-NRG4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                            |
| Immunogen                                      | A synthesized peptide derived from human NRG4, corresponding to a region within C-terminal amino acids.                  |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of Recombinant protein, using NRG4 antibody. The lane on the left is treated with the antigen-specific peptide.



#### IHC (Immunohistochemistry)

AAA326795 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NRG4 antibody | 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]). |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 20070380 |
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|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GeneID                      | <a href="#">145957</a>                          |
| NCBI Accession #                 | <a href="#">NP_612640.1</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_138573.3</a>                     |
| UniProt Accession #              | <a href="#">Q8WWG1</a> ; <a href="#">A6NIE8</a> |
| Molecular Weight                 | 12 kDa                                          |
| NCBI Official Full Name          | pro-neuregulin-4, membrane-bound isoform        |
| NCBI Official Synonym Full Names | neuregulin 4                                    |
| NCBI Official Symbol             | NRG4                                            |
| NCBI Official Synonym Symbols    | HRG4                                            |
| NCBI Protein Information         | pro-neuregulin-4, membrane-bound isoform        |
| UniProt Protein Name             | Pro-neuregulin-4, membrane-bound isoform        |
| UniProt Gene Name                | <b>NRG4</b>                                     |
| UniProt Synonym Gene Names       | Pro-NRG4; NRG-4                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nrg4-antibody-immunohistochemistry-western-blot-elisa/326795>