

Rabbit anti-Human, Rat NRG1 Polyclonal Antibody | anti-NRG1 antibody

NRG1 Polyclonal Antibody

CATALOG # AAA176887	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry
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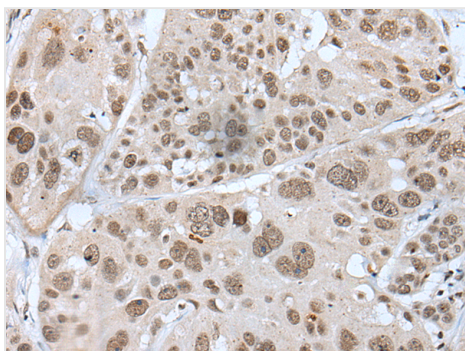
PRODUCT SYNONYMS

NRG1; Polyclonal Antibody; NRG1 Polyclonal Antibody; Acetylcholine receptor-inducing activity; CHICK; Homolog of; ARIA; Breast cancer cell differentiation factor p45; GGF; GGF2; Glial growth factor; Heregulin; Alpha (45kD; ERBB2 p185-activator); HGL; HRG; HRG1; HRGA; MST131; NDF; Neu differentiation factor; Neuregulin 1; Neuregulin 1 type IV beta 1a; Neuregulin 1 type IV beta 3; Neuregulin-1; NRG 1; Nrg1; NRG1-IT2; OTTHUMP00000225398; OTTHUMP00000225419; OTTHUMP00000225420; OTTHUMP00000225421; OTTHUMP00000225422; OTTHUMP00000225477; OTTHUMP00000225545; OTTHUMP00000230603; OTTHUMP00000230605; Pro-neuregulin-1; Membrane-bound isoform; Pro-NRG1; ProNRG1; Sensory and motor neuron-derived factor; SMDF; anti-NRG1 antibody

PRODUCT SPECIFICATIONS

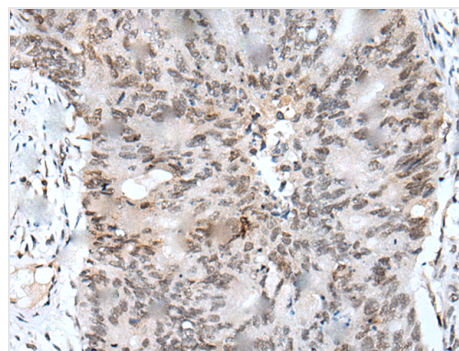
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	607
Applicable Applications for anti-NRG1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human NRG1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using NRG1 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NRG1 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti- NRG1 antibody	The protein encoded by this gene was originally identified as a 44-kD glycoprotein that interacts with the NEU/ERBB2 receptor tyrosine kinase to increase its phosphorylation on tyrosine residues. This protein is a signaling protein that mediates cell-cell interactions and plays critical roles in the growth and development of multiple organ systems. It is known that an extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are tissue-specifically expressed and differ significantly in their structure, and thereby these isoforms are classified into types I, II, III, IV, V and VI. The gene dysregulation has been linked to diseases such as cancer, schizophrenia and bipolar disorder (BPD).
Product Categories/Family for anti- NRG1 antibody	Cancer; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	236461509
NCBI GeneID	3084
NCBI Accession #	NP_001153467.1
NCBI GenBank Nucleotide #	NP_001153467.1
UniProt Accession #	Q02297
NCBI Official Full Name	pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1c
NCBI Official Synonym Full Names	neuregulin 1
NCBI Official Symbol	NRG1
NCBI Official Synonym Symbols	GGF; HGL; HRG; NDF; ARIA; GGF2; HRG1; HRGA; SMDF; MST131; MSTP131; NRG1-IT2
NCBI Protein Information	pro-neuregulin-1, membrane-bound isoform
UniProt Protein Name	Pro-neuregulin-1, membrane-bound isoform
UniProt Gene Name	NRG1
UniProt Synonym Gene Names	GGF; HGL; HRGA; NDF; SMDF; Pro-NRG1; ARIA; HRG
UniProt Entry Name	NRG1_HUMAN

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://www.aaabiotech.com/polyclonal/nrg1-antibody-immunohistochemistry-elisa/176887>