

Rabbit anti-Rat Neuregulin 1 (NRG1) Polyclonal Antibody | anti-NRG1 antibody

Polyclonal Antibody to Neuregulin 1 (NRG1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149672	Rabbit	Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Neuregulin 1 (NRG1); Polyclonal Antibody; Polyclonal Antibody to Neuregulin 1 (NRG1); ARIA; GGF; HGL; HRG; HRGA; NDF; SMDF; Acetylcholine receptor-inducing activity; Glial growth factor; Heregulin; Neu differentiation factor; Sensory and motor neuron-derived factor; anti-NRG1 antibody

PRODUCT SPECIFICATIONS

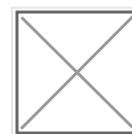
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NRG1. It has been selected for its ability to recognize NRG1 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.69mg/ml (varies by lot)
Sequence	Gly13~Val2 59+LEHHHHH HHH
Applicable Applications for anti-NRG1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Gly13~Val259+LEHHHHHHHH
Cross Reactivity	Rat
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Rat Cerebrum Tissue; Primary Ab: 20ug/ml Rabbit Anti-Rat NRG1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Recombinant NRG1, Rat.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NRG1 antibody	Signal Transduction; Neuro Science
--	------------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	402794669
NCBI GeneID	112400
NCBI Accession #	NP_001258052.1
NCBI GenBank Nucleotide #	NM_001271123.1
UniProt Accession #	P43322; P43323; P43324; P43325; P43326; P43327; P43328
Molecular Weight	73,288 Da
NCBI Official Full Name	pro-neuregulin-1, membrane-bound isoform isoform 6
NCBI Official Synonym Full Names	neuregulin 1
NCBI Official Symbol	Nrg1
NCBI Protein Information	pro-neuregulin-1, membrane-bound isoform; pro-NRG1; neuregulin 1 type III beta 3
UniProt Protein Name	Pro-neuregulin-1, membrane-bound isoform
UniProt Gene Name	Nrg1
UniProt Synonym Gene Names	Ndf; Pro-NRG1; ARIA; HRG
UniProt Entry Name	NRG1_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/neuregulin-1-nrg1-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149672>