

Rabbit NRG1 Polyclonal Antibody | anti-NRG1 antibody

Anti-NRG1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45419	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

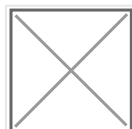
PRODUCT SYNONYMS

NRG1; Polyclonal Antibody; Anti-NRG1 antibody; Pro-neuregulin-1; membrane-bound isoform; neuregulin 1; Acetylcholine receptor inducing activity antibody; Acetylcholine receptor-inducing activity antibody; ARIA antibody; Breast cancer cell differentiation factor p45 antibody; GGF antibody; GGF2 antibody; Glial growth factor antibody; heregulin antibody; heregulin; alpha(45kD; ERBB2 p185-activator) antibody; HGL antibody; HRG antibody; HRG1 antibody; HRGA antibody; MST131 antibody; NDF antibody; Neu differentiation factor antibody; Neuregulin 1 antibody; neuregulin 1 type IV beta 1a antibody; neuregulin 1 type IV beta 3 antibody; Neuregulin-1 antibody; NRG 1 antibody; nrg1 antibody; NRG1_HUMAN antibody; OTTHUMP00000225398 antibody; OTTHUMP00000225419 antibody; OTTHUMP00000225420 antibody; OTTHUMP00000225421 antibody; OTTHUMP00000225422 antibody; OTTHUMP00000225477 antibody; OTTHUMP00000225545 antibody; OTTHUMP00000230603 antibody; OTTHUMP00000230605 antibody; Pro-NRG1 antibody; ProNRG1 antibody; Sensory and motor neuron-derived factor antibody; SMDF antibody; anti-NRG1 antibody

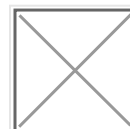
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	640
Applicable Applications for anti-NRG1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NRG1 (617-636aa RFSTQEEIQARLSSVIANQD), different from the related rat and mouse sequences by one amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



ICC (Immunocytochemistry)
Anti-NRG1 antibody, AAA45419, ICCICC: HELA Cell



IHC (Immunohistochemistry)
Anti-NRG1 antibody, AAA45419, IHC(F)IHC(F): Rat Intestine Tissue



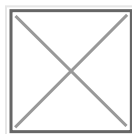
WB (Western Blot)

Anti-NGR1 antibody, AAA45419, Western blotting
Lane 1: Rat Spleen Tissue Lysate
Lane 2: Rat Kidney Tissue Lysate
Lane 3: Rat Brain Tissue Lysate
Lane 4: HELA Cell Lysate
Lane 5: SMMC Cell Lysate



IHC (Immunohistochemistry)

Anti-NGR1 antibody, AAA45419, IHC(P)
IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)

Anti-NGR1 antibody, AAA45419, IHC(P)
IHC(P): Rat Intestine Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-NGR1 antibody

Description: Rabbit IgG polyclonal antibody for Pro-neuregulin-1, membrane-bound isoform (NRG1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat.

Background: NRG1 (Neuregulin 1), also known as ARIA, NDF or HRGA, is a protein that in humans is encoded by the NRG1 gene. NRG1 is one of four proteins in the neuregulin family that act on the EGFR family of receptors. By in situ hybridization of a tritium-labeled probe to human metaphase spreads, Orr-Urtreger et al. (1993) localized the NDF gene to 8p21-p12. In mouse embryos 14.5 days postcoitum, Orr-Urtreger et al. (1993) found that NDF expression is confined predominantly to the central and peripheral nervous systems, including the neuroepithelium that lines the lateral ventricles of the brain, the ventral horn of the spinal cord, and the intestinal as well as dorsal root ganglia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9297018
NCBI GeneID	3084
UniProt Accession #	Q02297; O14667; P98202; Q02298; Q02299; Q07110; Q07111; A5YAK4; A5YAK5; A8K1L2; B7Z4Z3; E9PHH4
Molecular Weight	46,226 Da
NCBI Official Full Name	Pro-neuregulin-1, membrane-bound isoform
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; pro-NRG1; glial growth factor; neu differentiation factor; sensory and motor neuron derived factor; heregulin, alpha (45kD, ERBB2 p185-activator)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nrg1-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45419>