

Datasheet for ABIN2794837

anti-Neuregulin 3 antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Neuregulin 3 (NRG3)
Binding Specificity:	AA 688-717, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuregulin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit Anti-Human NRG3 (C-term) Antibody
Immunogen:	This NRG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 688-717 amino acids from the C-terminal region of human NRG3.
Isotype:	Ig Fraction

Target Details

Target:	Neuregulin 3 (NRG3)
Alternative Name:	NRG3 (NRG3 Products)
Background:	Target Description: NRG3, which belongs to the neuregulin family, is a direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. NRG3 does not bind to the EGF receptor, ERBB2 or ERBB3

Target Details

receptors. The protein exists as an type I membrane protein and as a proteolytically released soluble growth factor form. The membrane-bound form does not appear to be active. NRG3 is highly expressed in most regions of the brain with the exception of corpus callosum, and is expressed at lower level in testis. It is not detected in heart, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, ovary, small intestine, colon and peripheral blood leukocytes. The NRG3 cytoplasmic domain may be involved in the regulation of trafficking and proteolytic processing. Regulation of the proteolytic processing may involve initial intracellular domain dimerization.

Gene Symbol: NRG3

Molecular Weight: 77901 Da

Gene ID: 10718

UniProt: [P56975](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Western Blot, Immunohistochemistry
Recommended Dilutions
WB: 1:1000, IHC: 1:10-50NRG3 Antibody (E703) for immunohistochemistry. Clinical relevance has not been evaluated.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)