

Datasheet for ABIN7434224

anti-Neuregulin 1 antibody (AA 54-163)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Neuregulin 1 (NRG1)
Binding Specificity:	AA 54-163
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuregulin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Neuregulin 1 (NRG1)
Immunogen:	Recombinant Neuregulin 1 (NRG1) corresponding to Ser54~His163 with N-terminal His and GST Tag
Isotype:	IgG
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Neuregulin 1 (NRG1)
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Target Details

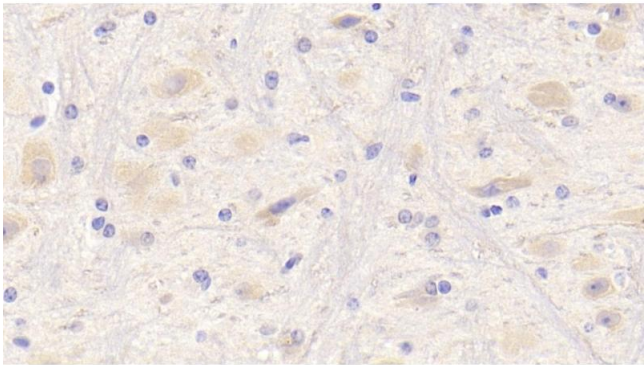
Alternative Name:	Neuregulin 1 (NRG1 Products)
Background:	ARIA, GGF, HGL, HRG, HRGA, NDF, SMDF, Acetylcholine receptor-inducing activity, Glial growth factor, Heregulin, Neu differentiation factor, Sensory and motor neuron-derived factor
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

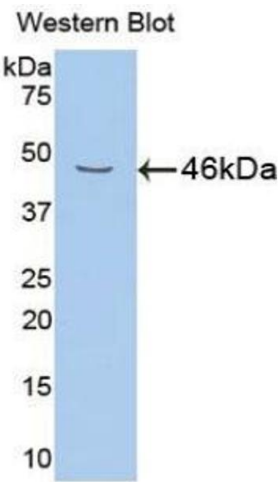
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of NRG1 in Mouse Cerebrum Tissue using Polyclonal Antibody to Neuregulin 1 (NRG1)



Western Blotting

Image 2. Detection of Recombinant NRG1, Mouse using Polyclonal Antibody to Neuregulin 1 (NRG1)