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anti-Neuregulin 1 antibody (AA 13-259)





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Quantity:	100 μL
Target:	Neuregulin 1 (NRG1)
Binding Specificity:	AA 13-259
Reactivity:	Rat
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) corresdonding to Gly13~Val259+LEHHHHHHHH 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.	
Cross-Reactivity:	Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

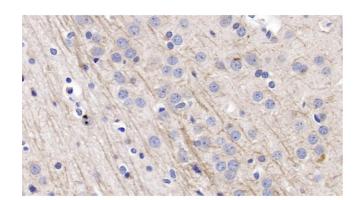
Target Details

- Target Betails		
Target:	Neuregulin 1 (NRG1)	
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

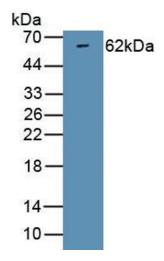
Handling

Tranding .	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 Rat Cerebrum Tissue using Polyclonal Antibody to Neuregulin 1 (NRG1)



Western Blotting

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