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# Datasheet for ABIN7247963 anti-Neuregulin 2 antibody

2 Images



### Overview

Quantity:	200 µL
Target:	Neuregulin 2 (NRG2)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuregulin 2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of human NRG2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	Neuregulin 2 (NRG2)
Alternative Name:	NRG2 (NRG2 Products)
Background:	This gene encodes a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the ERBB family of receptors, this protein induces the growth
	and differentiation of epithelial, neuronal, glial, and other types of cells. The gene consists of 12
	exons and the genomic structure is similar to that of neuregulin 1, another member of the

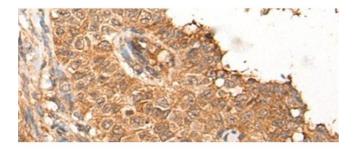
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	neuregulin family of ligands. The products of these genes mediate distinct biological processes
	by acting at different sites in tissues and eliciting different biological responses in cells. This
	gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is
	not responsible for this disease. Alternative transcript variants encoding distinct isoforms have
	been described.
UniProt:	014511
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway

# Application Details

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using NRG2 Polyclonal Antibody at dilution of 1:65(x200)

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using NRG2 Polyclonal Antibody at dilution of 1:65(x200)

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