

Datasheet for ABIN3031973  
**anti-Neuregulin 1 antibody (C-Term)**

## 8 Images

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## Overview

Quantity:	100 µg
Target:	Neuregulin 1 (NRG1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuregulin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	An amino acid sequence from the C-terminus of human Neuregulin 1 (RFSTQEEIQARLSSVIANQD) was used as the immunogen for this NRG1 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	Neuregulin 1 (NRG1)
Alternative Name:	NRG1 ( <a href="#">NRG1 Products</a> )
Background:	Neuregulin 1, also known as ARIA, NDF or HRGA, is a protein that in humans is encoded by the NRG1 gene. It is one of four proteins in the neuregulin family that act on the EGFR family of

## Target Details

receptors. By in situ hybridization of a tritium-labeled probe to human metaphase spreads, Orr-Urtreger et al.(1993) localized the gene to 8p21-p12. In mouse embryos 14.5 days postcoitum, Orr-Urtreger et al.(1993) found that NRG1 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.

UniProt: [Q02297](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#)

## Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the NRG1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,IHC (Frozen): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

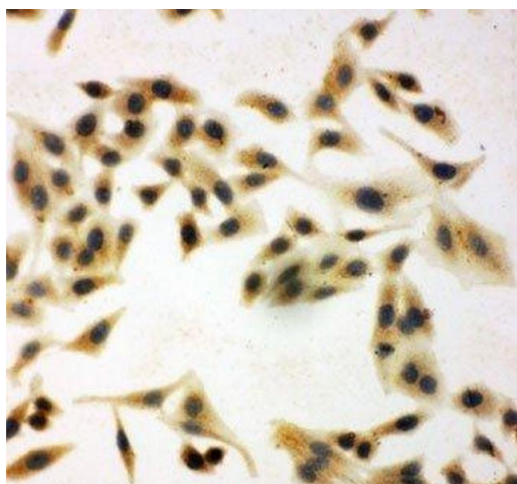
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

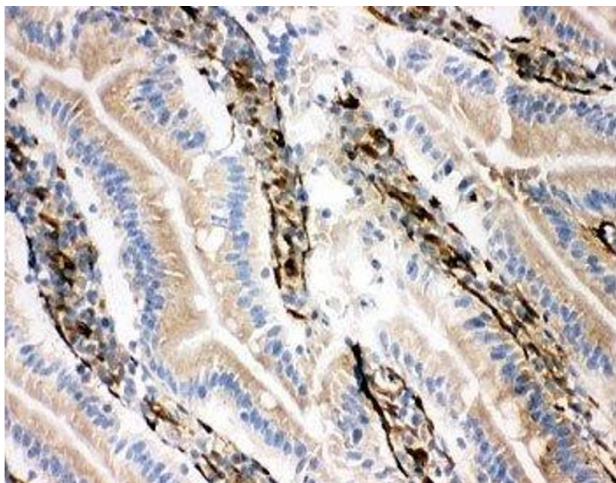
Storage Comment: After reconstitution, the NRG1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



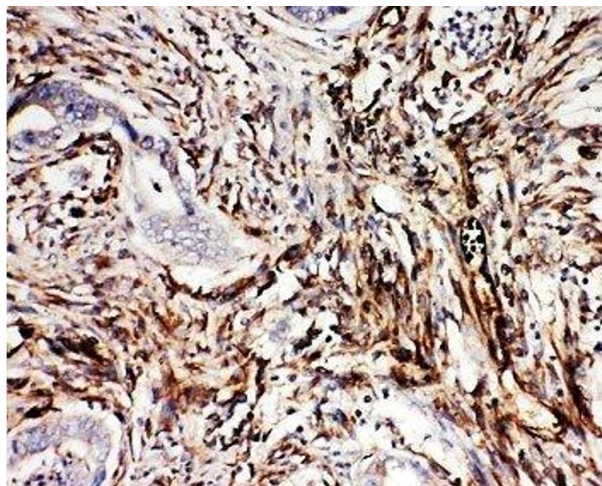
### Immunocytochemistry

**Image 1.** ICC testing of NRG1 antibody and HeLa cells



#### Immunohistochemistry

**Image 2.** IHC-F testing of NRG1 antibody and rat intestine tissue



#### Immunohistochemistry

**Image 3.** IHC-P: NRG1 antibody testing of human intestinal cancer tissue

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3031973.