antibodies -online.com





anti-Neuregulin 1 antibody (AA 20-242)

2 Images



Go to Product page

Overview

Quantity:	100 μL
Target:	Neuregulin 1 (NRG1)
Binding Specificity:	AA 20-242
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuregulin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Neuregulin 1 (NRG1)
Immunogen:	Recombinant Neuregulin 1 (NRG1) corresdonding to Glu20~His242 with N-terminal His Tag
Clone:	C3
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NRG1. It has been selected for its ability to recognize NRG1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

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

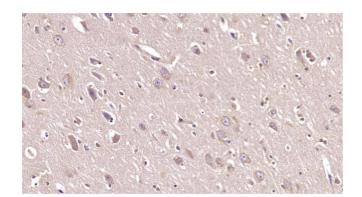
The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions:

For Research Use only

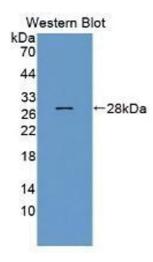
Handling

Format:	Liquid
Buffer:	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 Porcine Cerebrum Tissue using Monoclonal Antibody to Neuregulin 1 (NRG1)



Western Blotting

Image 2. Detection of Recombinant NRG1, Human using Monoclonal Antibody to Neuregulin 1 (NRG1)