

Datasheet for ABIN7428380
anti-Neuregulin 4 antibody (AA 1-62)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Neuregulin 4 (NRG4)
Binding Specificity:	AA 1-62
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuregulin 4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Neuregulin 4 (NRG4)
Immunogen:	Recombinant Neuregulin 4 (NRG4) corresponding to Met1~Phe62 (Accession # Q8WWG1) with N-terminal His and GST Tag
Clone:	C2
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NRG4. It has been selected for its ability to recognize NRG4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

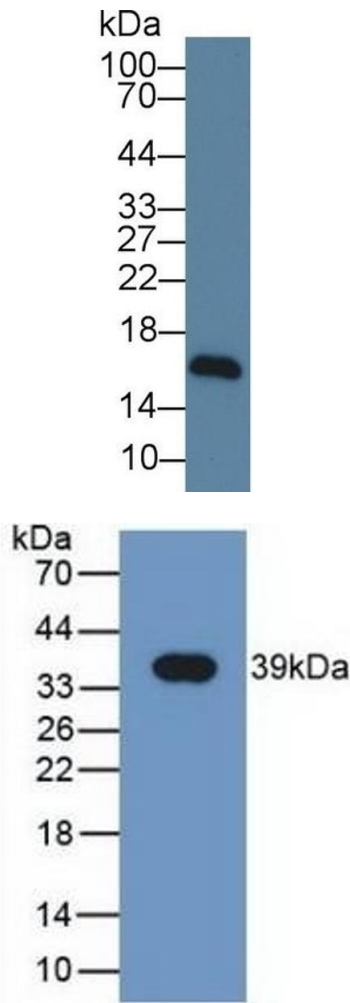
Target:	Neuregulin 4 (NRG4)
Alternative Name:	Neuregulin 4 (NRG4 Products)
Background:	HRG4, Pro-NRG4, Pro-neuregulin-4, membrane-bound isoform
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 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



Western Blotting

Image 1. Detection of NRG4 in Human HepG2 cell lysate using Monoclonal Antibody to Neuregulin 4 (NRG4)

Western Blotting

Image 2. Detection of Recombinant NRG4, Human using Monoclonal Antibody to Neuregulin 4 (NRG4)