

Datasheet for ABIN7043356

anti-Neuregulin 3 antibody (Extracellular, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µL
Target:	Neuregulin 3 (NRG3)
Binding Specificity:	AA 167-180, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuregulin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)RFPGHRVPIRASPR, corresponding to amino acid residues 167-180 of mouse Neuregulin-3
Isotype:	IgG
Characteristics:	Anti-NRG3 (extracellular) Antibody (ABIN7043356, ABIN7044722 and ABIN7044723)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot analysis. It has been designed to recognize Neuregulin-3 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

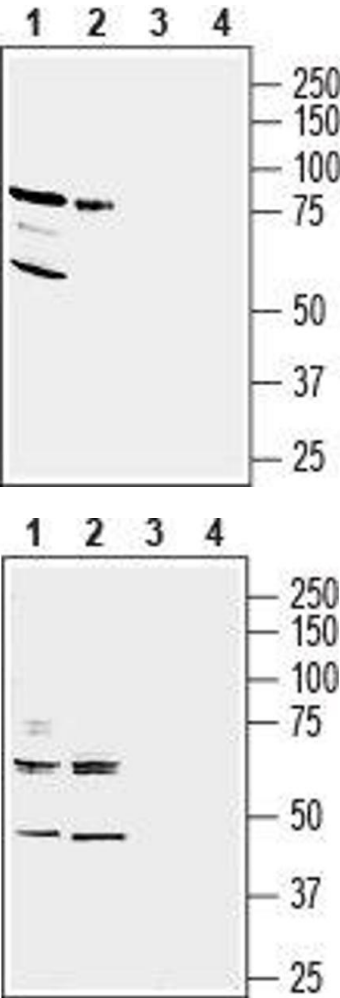
Target:	Neuregulin 3 (NRG3)
Alternative Name:	NRG3 (NRG3 Products)
Background:	Alternative names: NRG3, Neuregulin-3, HRG3
Gene ID:	18183
NCBI Accession:	NM_001010848
UniProt:	O35181
Pathways:	RTK Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of human MCF-7 breast adenocarcinoma cell lysate (lanes 1 and 3) and human MDA-MB-231 breast adenocarcinoma cell lysate (lanes 2 and 4): - 1,2. Anti-NRG3 (extracellular) Antibody (ABIN7043356, ABIN7044722 and ABIN7044723), (1:200).3,4. Anti-NRG3 (extracellular) Antibody, preincubated with NRG3 (extracellular) Blocking Peptide (#BLP-NR115).

Western Blotting

Image 2. Western blot analysis of mouse (lanes 1 and 3) and rat (lanes 2 and 4) brain membranes: - 1,2. Anti-NRG3 (extracellular) Antibody (ABIN7043356, ABIN7044722 and ABIN7044723), (1:200).3,4. Anti-NRG3 (extracellular) Antibody, preincubated with NRG3 (extracellular) Blocking Peptide (#BLP-NR115).