

Neuregulin-1 antibody

Cat. No. GTX101117

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW	70 kDa. (Note)
Product Note	This antibody was raised against human Neuregulin-1 Extracellular domain.

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.96 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human Neuregulin-1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

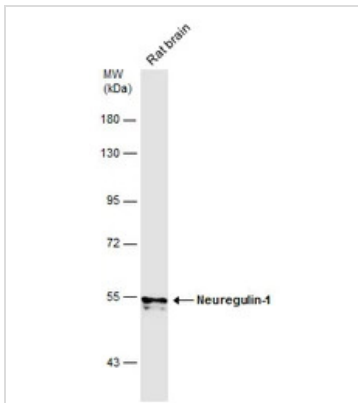
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

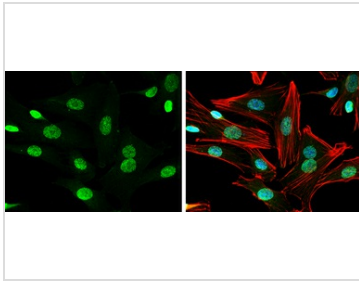
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DATA IMAGES

GTX101117 WB Image

Rat tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Neuregulin-1 antibody (GTX101117) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX101117 ICC/IF Image

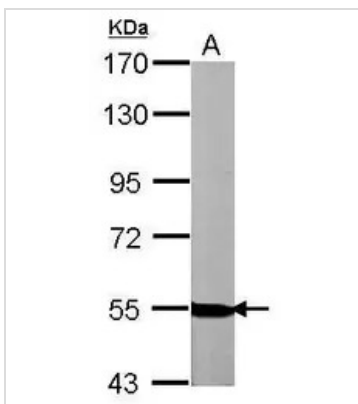
Neuregulin-1 antibody detects Neuregulin-1 protein at nucleus by immunofluorescent analysis.

Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Neuregulin-1 protein stained by Neuregulin-1 antibody (GTX101117) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.

Blue: Hoechst 33342 staining.


GTX101117 WB Image

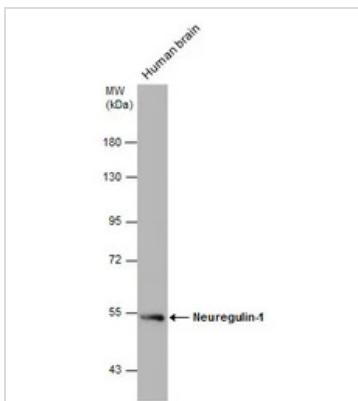
Sample (50 µg of whole cell lysate)

A: mouse brain

7.5% SDS PAGE

GTX101117 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX101117 WB Image

Human tissue extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Neuregulin-1 antibody (GTX101117) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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