

Product Datasheet

Neuregulin-1/NRG1 Antibody

NBP2-19588

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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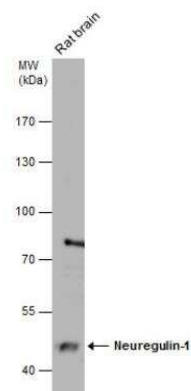
NBP2-19588**Neuregulin-1/NRG1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	70 kDa
Product Description	
Host	Rabbit
Gene ID	3084
Gene Symbol	NRG1
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Neuregulin-1/NRG1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence Assay dependent

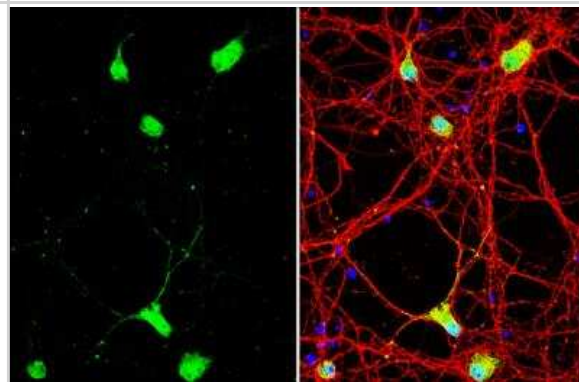


Images

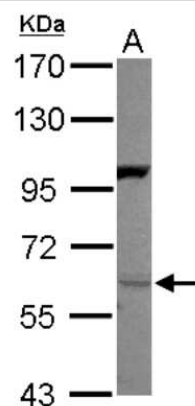
Western Blot: Neuregulin-1/NRG1 Antibody [NBP2-19588] - Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Neuregulin-1 antibody [C1C3] diluted at 1:2000.



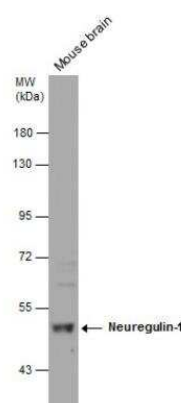
Immunocytochemistry/Immunofluorescence: Neuregulin-1/NRG1 Antibody [NBP2-19588] - Neuregulin-1 antibody detects Neuregulin-1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Neuregulin-1 stained by Neuregulin-1 antibody diluted at 1:500. Red: Tau, stained by Tau antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



Western Blot: NRG1 Antibody [NBP2-19588] - Sample (30 ug of whole cell lysate) A: 293T 7. 5% SDS PAGE gel, diluted at 1:2000.



Western Blot: Neuregulin-1/NRG1 Antibody [NBP2-19588] - Mouse tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Neuregulin-1 antibody [C1C3] diluted at 1:2000.



Publications

Carús-Cadavieco M, Berenguer López I, Montoro Canelo A et al. Cognitive decline in diabetic mice predisposed to Alzheimer's disease is greater than in wild type Life science alliance 2023-06-01 [PMID: 37059474] (Western Blot, Mouse)

Carus-Cadavieco M, Lopez I, Canelo A et al. Diabetes-associated cognitive decline in mice with genetic predisposition to Alzheimer's disease, not in wild type Research Square 2022-07-21 (WB, Mouse)

Elfving B, Muller HK, Oliveras I et al. Differential expression of synaptic markers regulated during neurodevelopment in a rat model of schizophrenia-like behavior Prog. Neuropsychopharmacol. Biol. Psychiatry 2019-06-20 [PMID: 31228641] (WB, Rat)





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Products Related to NBP2-19588

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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