NeuN antibody

Cat. No. GTX132974

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat, Fish

References (28)
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
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 34 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.79 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human NeuN. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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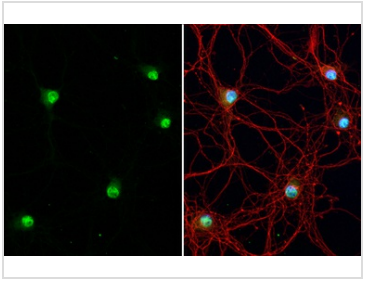
Note

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

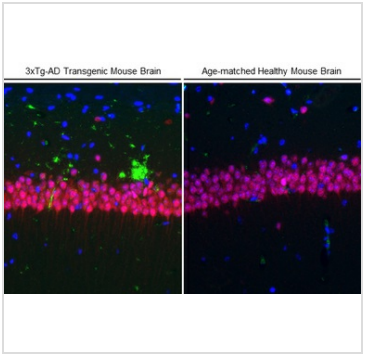
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



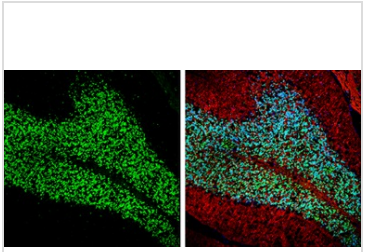
GTX132974 ICC/IF Image

NeuN antibody detects NeuN protein at nucleus by immunofluorescent analysis.
Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: NeuN stained by NeuN antibody (GTX132974) diluted at 1:250.
Red: Tau, an axon marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



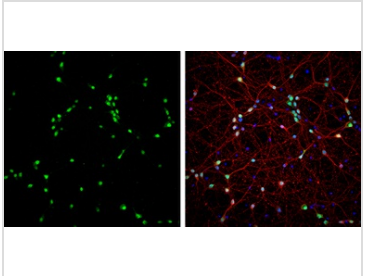
GTX132974 IHC-P Image

NeuN antibody detects NeuN protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded 3xTg-AD transgenic mouse brain (left) and healthy mouse brain (right).
Red: NeuN stained by NeuN antibody (GTX132974) diluted at 1:250.
Green: Beta amyloid (1-42) stained by Beta amyloid (1-42) antibody – Conformation Specific antibody [GT622] (GTX635160) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min
This image was provided courtesy of a customer review.



GTX132974 IHC-Fr Image

NeuN antibody detects NeuN protein expression by immunohistochemical analysis.
Sample: Frozen-sectioned adult mouse cerebellum.
Green: NeuN protein stained by NeuN antibody (GTX132974) diluted at 1:250.
Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX132974 ICC/IF Image

NeuN antibody detects NeuN protein at nucleus by immunofluorescent analysis.
Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.
Green: NeuN protein stained by NeuN antibody (GTX132974) diluted at 1:1000.
Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT886] (GTX631830) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).

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