

NF-L antibody

Cat. No. GTX30190

| | |
|--------------|---------------------------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity | Human, Mouse, Rat, Bovine, Pig, Avian |

Package

50 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:20000 |
| ICC/IF | 1:500 - 1:5000 |
| IHC-P | 1:5000 |

Not tested in other applications.

Product Note Specifically recognizes the light neurofilament subunit (~68 kDa).

Properties

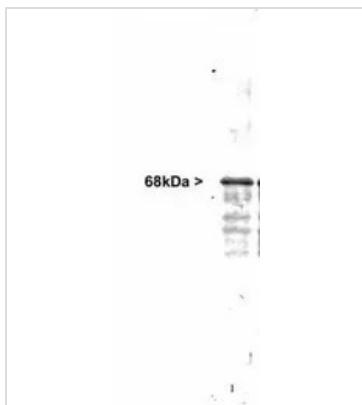
| | |
|---|--|
| Form | Liquid |
| Buffer | Serum |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Immunogen | Native Neurofilament Light protein purified from pig spinal cord [UniProt# P02547] |
| Purification | Unpurified |
| Conjugation | Unconjugated |
| For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. | |
| Note | 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. |



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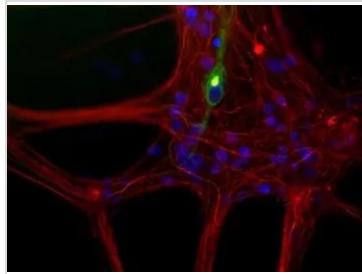
DATA IMAGES



GTx30190 WB Image

WB analysis of rat cerebellum tissue using GTx30190 NF-L antibody.

Dilution : 1:20000



GTx30190 ICC/IF Image

ICC/IF analysis of mixed neuron/glia cell cultures from newborn rat brain using GTx30190 NF-L antibody (red), co-stained with anti-peripherin antibody (green) and DAPI. A class of large neurons, like the one in the middle of this image, contain peripherin, while the majority of neurons and their processes contain NF-L and not peripherin. Interestingly, the peripherin positive cells often contain a cytoplasmic inclusion next to the nucleus which stains for both peripherin and NF-L, and so appears golden in this kind of image.



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