

NF-L antibody [DA2]

Cat. No. GTX24572

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA, IHC (Free Floating)
Reactivity	Human, Mouse, Rat, Bovine, Pig

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000
ICC/IF	1:500 - 1:1000
IHC-P	1:1000-1:2000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC (Free Floating)	Assay dependent

Note : This antibody performs well in testing with both 4% PFA and NBF fixed rat tissues but requires high pH retrieval to stain long term NBF fixed human tissue effectively.

Capture : GTX134085 / GTX101142, Detection : GTX24572

Not tested in other applications.

Product Note The epitope is likely centered on the HVQEEQIEVE peptide.

Properties

Form	Liquid
Buffer	Tissue culture supernatant
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	Enzymatically dephosphorylated pig neurofilaments including NF-L, NF-M and NF-H.
Purification	Tissue culture supernatant
Conjugation	Unconjugated

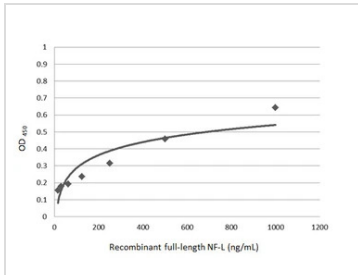


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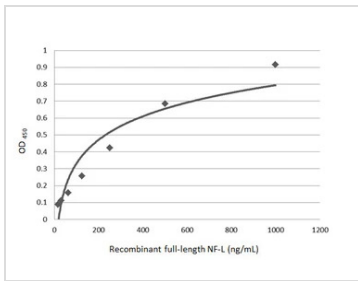
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Note

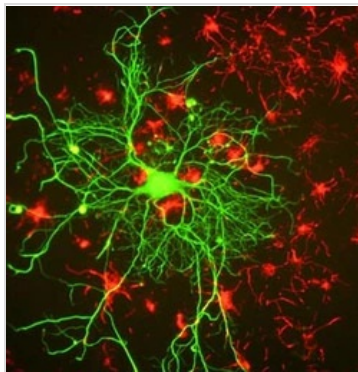
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DATA IMAGES

GTx24572 ELISA Image

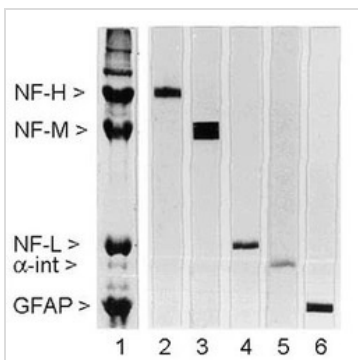
Sandwich ELISA detection of recombinant full-length NF-L protein using GTX101142 as capture antibody at concentration of 5 µg/mL and GTX24572 as detection antibody was diluted at 1:1000. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.


GTx24572 ELISA Image

Sandwich ELISA detection of recombinant full-length NF-L protein using GTX134085 as capture antibody at concentration of 5 µg/mL and GTX24572 as detection antibody was diluted at 1:1000. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.


GTx24572 ICC/IF Image

Cells grown from adult rat brain. Large cell in middle is stained with mouse monoclonal to NF-L clone DA2 (green). Another type of neuronal lineage cell was stained with rabbit polyclonal to alpha-interneuron (red). These cells were mitotic but had several characteristics of neurons.


GTx24572 WB Image

Rat spinal cord homogenate showing the major intermediate filament proteins of the nervous system (lane 1). The remaining lanes show blots of this material stained with various antibodies including MCA-DA2 (lane 4).



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