

Anti-Neurofilament NF-L Antibody



Product Details

Available Variants	100 µL (SKU:1453-NFL) 25 µL (SKU:1453-NFLt)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	NEFL
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃
Production Notes	Total IgY fraction
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:10000 WB Brain: 1:10000 IHC: 1:2000 ICC: 1:2000-1:5000
Species Reactivity	Bovine, Chicken, Human, Mouse, Rat
Immunogen	Preparation of bovine spinal cord NF-L.
Specificity	Specific for endogenous levels of the ~68 kDa Neurofilament L. Works well on frozen sections, cells in tissue culture and on mildly formalin fixed histological sections.
Molecular Weight	68 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID AB_2492162

UniProt ID [P02548](#)

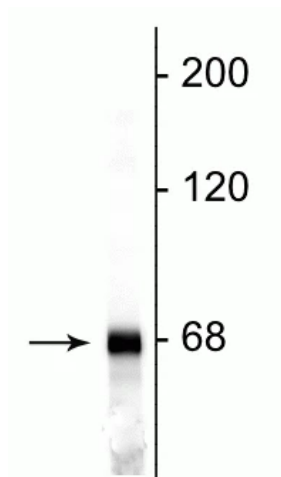
Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

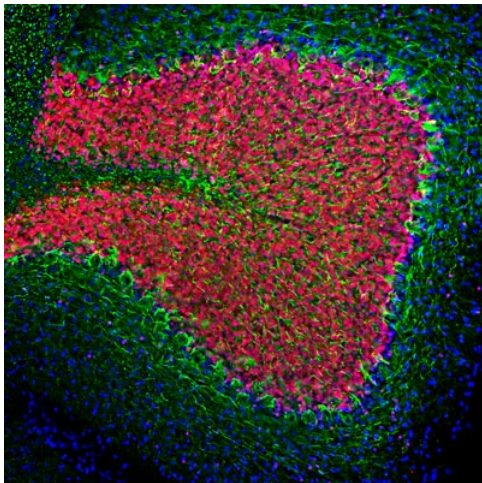
Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

NCBI Gene ID 4747

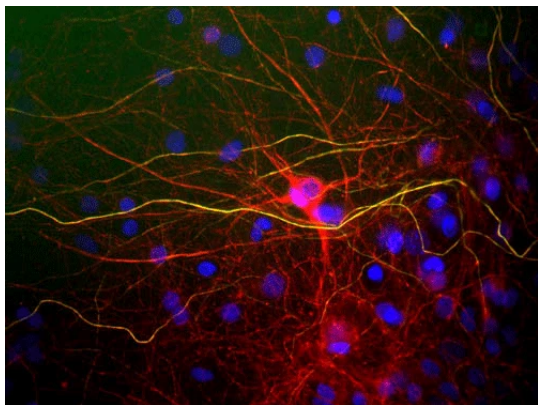
Product Images



Western blot of rat cortical lysate showing specific immunolabeling of the ~68 kDa NF-L protein.



Immunofluorescence of a section of rat cerebellum showing specific labeling of Neurofilament-L (Cat. 1453-NFL, 1:2000, green) and labeling of FOX3/NeuN (Cat. 583-FOX3, 1:5000, red). The anti-NFL strongly labels the axons of basket cells and perikarya and processes of neuronal cells. The anti-FOX3/NeuN labels the nuclei and proximal cytoplasm of neurons. The blue is DAPI staining of nuclear DNA.



Immunostaining of mixed cultured rat neurons and glia stained with anti-NFL antibody (Cat. 1453-NFL, red, 1:5000). The NF-L protein is assembled into neurofilaments which are found throughout the axons, dendrites, and perikarya as shown above.

Product Page URL: www.antibodiesinc.com/products/anti-neurofilament-nf-l-ck-antibody-1453-nfl



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