

Anti-Neurofilament light polypeptide, C-terminus, (NF-L-Ct) Antibody



Product Details

Available Variants	50 µg (SKU:R-2113-50)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Production Notes	Affinity-purified
Applications	ICC, IF, WB
Dilution Ranges	WB: 1:10000-1:200000 ICC: 1:5000
Species Reactivity	Bovine, Human, Mouse, Pig, Rat
Immunogen	The antibody has been made against the C-terminal peptide of rat NF-L protein (amino acids 515-543; peptide GEEEDTKESEEEEEKKEESAGEEQAAKKGD) with an N-terminal Cys for coupling to KLH.
Specificity	Species cross-reactivity includes human, rat, mouse, cow, and pig.
Storage	Spin vial briefly before opening. Reconstitute with 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles. Store at 4°C for up to one month for short term storage and frequent use.
UniProt ID	<u>P07196</u>

Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images

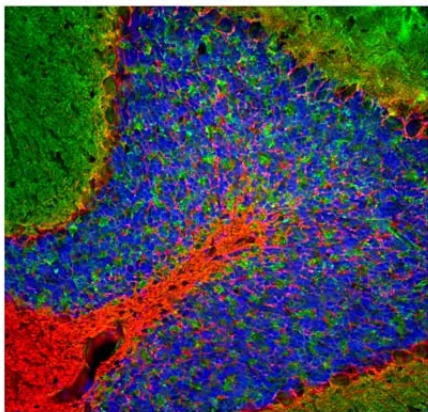
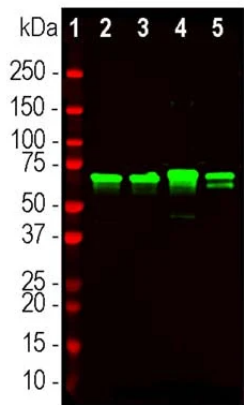


Image of a rat cerebellum section by **Immunofluorescence and Immunohistochemistry**. The section was stained with R-2113-50, Neurofilament light polypeptide, C-terminus, (NF-L-Ct), Rabbit pAb, (red, 1:5,000), and co-stained with product M-2106-100, Beta-Synuclein, Clone 6A10, Mouse mAb, (green, 1:5,000), and Hoechst staining of nuclear DNA (blue). Method: Following transcardial perfusion of rat with 4% paraformaldehyde brain was fixed for 24 hours, cut to 45 uM, and free-floating sections were stained with antibodies. Product R-2113-50 labels dendrites and axons of the neuronal cells whilst product M-2106-100 detects protein that is concentrated in the synaptic regions.



Analysis by **western blot** of NF-L expression in different rat and mouse tissue homogenates with R-2113-50, Neurofilament light polypeptide, C-terminus, (NF-L-Ct), Rabbit pAb, (green, 1:20,000) with strong banding at 68-70kDa corresponding to the NF-L protein. Lane 1: molecular weight marker; Lane 2: rat brain; Lane 3: rat spinal cord; Lane 4: mouse brain; Lane 5: mouse spinal cord.

Product Page URL: www.antibodiesinc.com/products/anti-neurofilament-light-polypeptide-c-terminus-nf-l-ct-antibody-r-2113-50

