

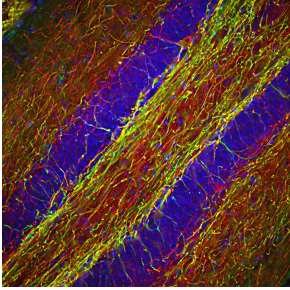
Anti-NF-H Antibody (A85336)

Specifications:

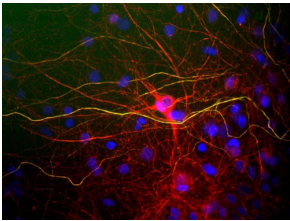
Name:	Anti-NF-H Antibody
Description:	Rabbit polyclonal antibody to NF-H.
Specificity:	The preparation that this antibody was raised against is dominated by axonal forms of NF-H which are heavily phosphorylated on the multiple repeated NF-H KSP type sequences, and this antibody reacts very strongly with these phosphorylated repeats. Reactivity with non-phosphorylated KSP sequences is orders of magnitude weaker.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:10,000-1:25,000, ICC/IF: 1:1,000-1:5,000, IHC: 1:1,000-1:5,000
Reactivity:	Human, Rat, Mouse, Bovine, Porcine, Horse
Immunogen:	Native NF-H biochemically isolated and purified from bovine spinal cord.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Molecular Weight:	200-220 kDa
Purity:	Whole antiserum.
Product Form:	Liquid
Formulation:	Supplied as an aliquot of serum with 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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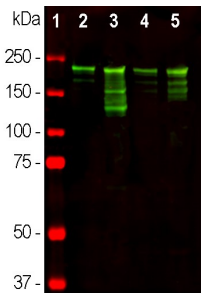
Images:



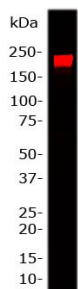
Immunohistological analysis of a mouse hippocampus section stained with Anti-NF-H Antibody (1:2,000 | red) and Anti-MBP Antibody (A85322 | 1:5,000 | green). The blue is DAPI staining of nuclear DNA. Following transcatheter perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with the above antibodies. The Anti-NF-H Antibody labels a network of axons of different neurons, while the Anti-MBP Antibody stains myelin sheath around these axons.



Mixed neuron/glia cultures stained with Anti-NF-H Antibody (green) and Anti-NF-L Antibody (A85286 | red). Axons contain phosphorylated NF-H and NF-L so appear yellow, while dendrites and perikarya only contain NF-L and so appear red. DNA is shown in blue.



Western blot analysis of different tissue lysates using Anti-NF-H Antibody (1:10,000 | green): [1] protein standard (red), [2] rat brain, [3] rat spinal cord [4] mouse brain, and [5] mouse spinal cord lysate. Strong band at about 220kDa corresponds to the phosphorylated axonal form of the NF-H subunit. Smaller proteolytic fragments of NF-H are also detected with Anti-NF-H Antibody.



Western blot analysis of Anti-NF-H Antibody. Blot of 20 μ g rat brain lysate was probed with Anti-NF-H Antibody (1:25,000). A prominent band at 200 kDa corresponds to phosphorylated form of NF-H.