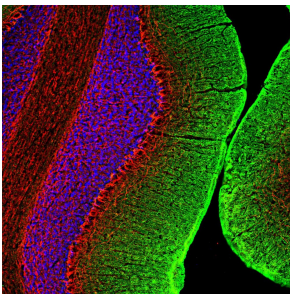


Anti-NF-M Antibody (A85323)

Specifications:

Name:	Anti-NF-M Antibody
Description:	Rabbit polyclonal antibody to NF-M.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000-1:5,000, ICC/IF: 1:1,000-1:2,500, IHC: 1:1,000-1:2,500
Reactivity:	Human, Horse, Bovine, Porcine, Chicken, Rat, Mouse
Immunogen:	Recombinant fusion protein corresponding to the extreme C-terminal segment, amino acids 549-845, of rat NF-M.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Molecular Weight:	145-160 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.

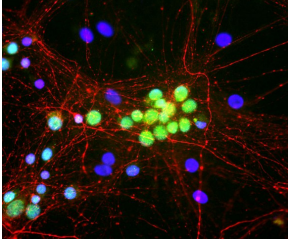
Images:



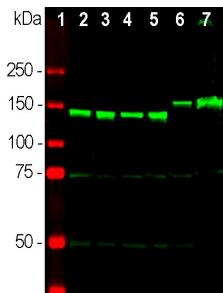
Immunofluorescent analysis of rat cerebellum section stained with Anti-NF-M Antibody (1:2,000 | red) and Anti-GAP43 Antibody (A85393 | 1:2,000 | green). Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with the above antibodies. The Anti-NF-M Antibody strongly labels neuronal processes throughout the cerebellum, while the Anti-GAP43 Antibody stains predominantly synaptic regions in the molecular layer.

Anti-NF-M Antibody (A85323)

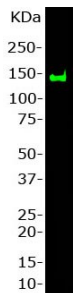
Images continued:



Mixed neuron/glia cultures stained with Anti-NF-M Antibody (red) and Anti-Fox1 Antibody (A85396 | green). The Anti-NF-M Antibody stains axonal, dendritic and perikaryal profiles of neurons cleanly and specifically. The Anti-Fox1 Antibody binds to the nuclei of neurons only. DNA is shown in blue with DAPI.



Western blot analysis of neuronal tissue lysates using Anti-NF-M Antibody (1:2,000 | green): [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig brain, [7] pig spinal cord. Strong bands at 145kDa correspond to rodent NF-M molecules, while the NF-M of pig and other larger mammals including humans run at about 160kDa.



Blot of rat spinal cord stained with Anti-NF-M Antibody (1: 1,000). A prominent band running with an apparent SDS-PAGE molecular weight of ~145 kDa corresponds to rodent NF-M.