

Anti-Neurofilament NF-M Antibody

Catalog Number: M06821-2

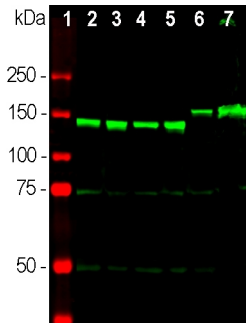
Overview

Product Name	Anti-Neurofilament NF-M Antibody
Reactive Species	Bovine, Chicken, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-Neurofilament NF-M Antibody catalog # M06821-2. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Bovine, Chicken, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Supplied as an aliquot of serum plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07197

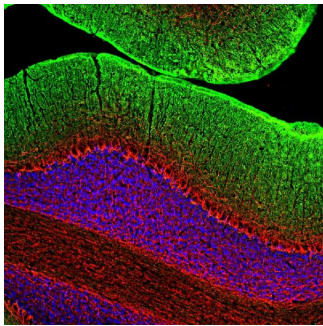
Technical Details

Immunogen	Recombinant fusion protein containing the extreme C-terminal segment of rat NF-M, amino acids 549-845
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-5,000. IF/ICC and IHC: 1:1,000-1:2500. ABC: 1:5,000.

Anti-Neurofilament NF-M Antibody (M06821-2) Images



Western blot analysis of neuronal tissue lysates using rabbit pAb to NF-M, M06821-2, dilution 1:2,000 in 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.



Immunofluorescent analysis of rat cerebellum section stained with rabbit pAb to NF-M, M06821-2, dilution 1:2,000 in red, and costained with mouse mAb to GAP43, dilution 1:2,000 in green. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45M, and free-floating sections were stained with the above antibodies. The M06821-2 antibody strongly labels neuronal processes throughout the cerebellum, while the GAP43 antibody stains predominantly synaptic regions in the molecular layer.

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