

Product Datasheet

NF-L Antibody (7D1) - BSA Free **NBP2-50612**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

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NBP2-50612

NF-L Antibody (7D1) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7D1
Preservative	5mM Sodium Azide
Isotype	IgG2b
Purity	Affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	68-70 kDa

Product Description

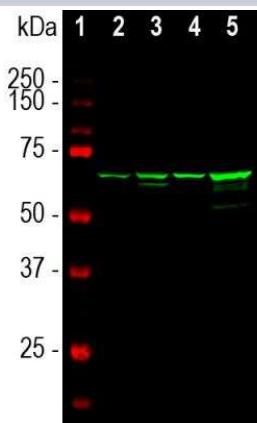
Description	Novus Biologicals Mouse NF-L Antibody (7D1) - BSA Free (NBP2-50612) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4747
Gene Symbol	NEFL
Species	Human, Mouse, Rat, Porcine, Bovine, Equine
Marker	Neuronal Marker
Immunogen	Full length native protein purified from pig spinal cord

Product Application Details

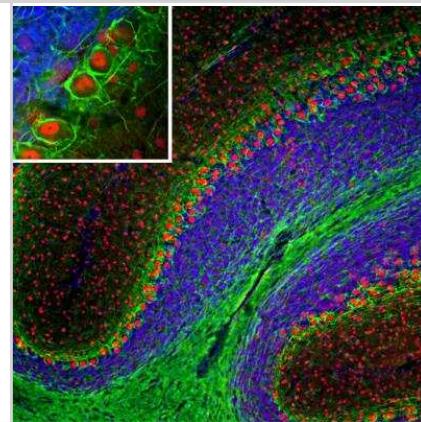
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:5000 - 1:10000, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	For IHC application, the formalin fixation of the histological sections should be mild in order to achieve a better immunostaining. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: NF-L Antibody [NBP2-50612] - Western blot analysis of different tissue lysates using NBP2-50612 to NF-L, MCA-7D1, in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, and [5] mouse spinal cord. The strong band at 68kDa corresponds to the NF-L protein.



Immunocytochemistry/Immunofluorescence: NF-L Antibody [NBP2-50612] - Immunofluorescent analysis of a section of mouse cerebellum stained with NBP2-50612 in green, and co-stained with a chicken polyclonal antibody to FOX2 in red. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of mouse with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with above antibodies. NF-L antibody labels dendrites and axons of neuronal cells predominantly axons in white matter and basket cell axons associated with Purkinje cells. The FOX2 antibody reveals protein expressed in a subset of neurons, including the Purkinje cells.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-50612

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-59061PEP	NF-L Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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