

# Product Datasheet

## NF-L Antibody (CL4729) - BSA Free NBP2-59061

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP2-59061**

NF-L Antibody (CL4729) - BSA Free

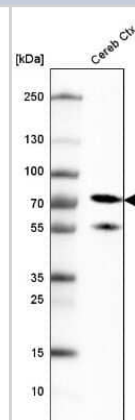
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL4729
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	4747
Gene Symbol	NEFL
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P07196, with the exact immunogen sequence remaining proprietary.

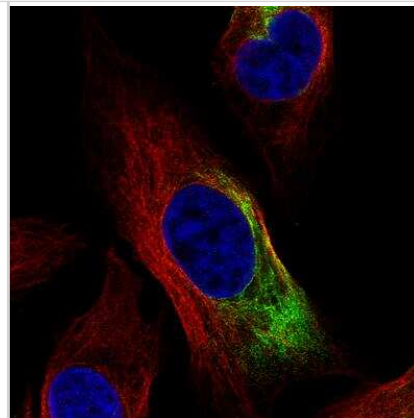
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:10000 - 1:20000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

Western Blot: NF-L Antibody (CL4729) [NBP2-59061] - Analysis in human cerebral cortex tissue.



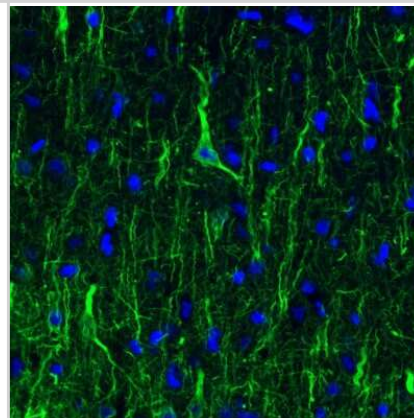
Immunocytochemistry/Immunofluorescence: NF-L Antibody (CL4729) [NBP2-59061] - Staining of PC-3 cells using the Anti-NEFL monoclonal antibody, showing specific staining in intermediate filaments in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



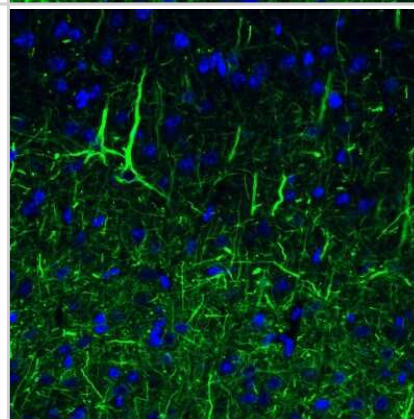
Immunohistochemistry-Paraffin: NF-L Antibody (CL4729) [NBP2-59061] - NF-L Antibody [NBP2-59061] - Staining of human cerebral cortex shows strong positivity in neural fibers.



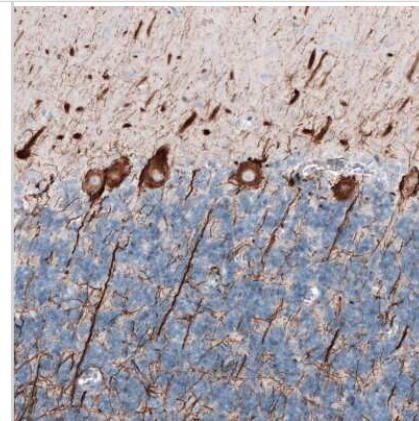
Immunohistochemistry: NF-L Antibody (CL4729) [NBP2-59061] - NF-L Antibody [NBP2-59061] - Staining of rat cerebral cortex shows strong immunoreactivity in neuronal cell bodies and processes.



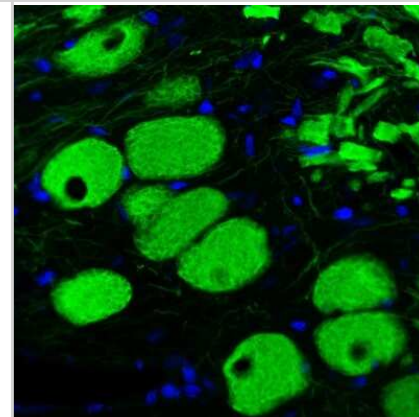
Immunohistochemistry: NF-L Antibody (CL4729) [NBP2-59061] - NF-L Antibody [NBP2-59061] - Staining of mouse cerebral cortex shows strong immunoreactivity in neuronal cell bodies and processes.



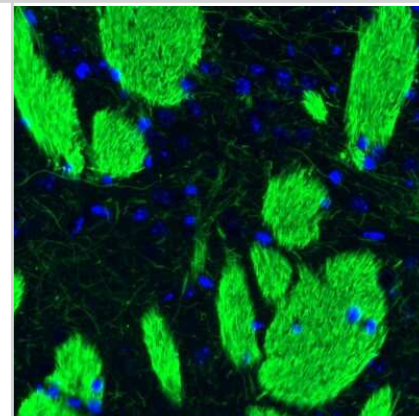
Immunohistochemistry-Paraffin: NF-L Antibody (CL4729) [NBP2-59061]  
- Staining of human cerebellum shows strong cytoplasmic immunoreactivity in cell bodies and proximal dendrites of Purkinje cells.



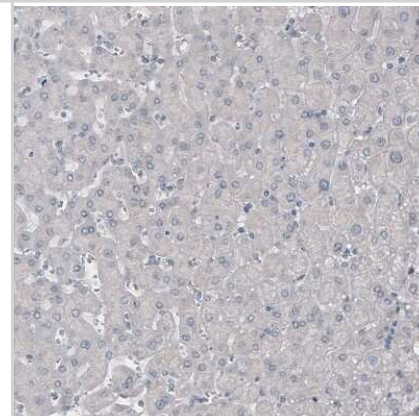
Immunohistochemistry: NF-L Antibody (CL4729) [NBP2-59061] - NF-L Antibody [NBP2-59061] - Staining of rat brainstem shows strong immunoreactivity in neuronal cell bodies.



Immunohistochemistry: NF-L Antibody (CL4729) [NBP2-59061] - NF-L Antibody [NBP2-59061] - Staining of mouse striatum shows strong positivity in neural fibers.



Immunohistochemistry-Paraffin: NF-L Antibody (CL4729) [NBP2-59061]  
- Staining of human liver shows no positivity as expected (negative control).





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### **Products Related to NBP2-59061**

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NBP2-59061PEP	NF-L Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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