

# Product Datasheet

## NF-L Antibody (CL4729) - Azide and BSA Free NBP3-44128

Unit Size: 100 ug

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

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**NBP3-44128**

NF-L Antibody (CL4729) - Azide and BSA Free

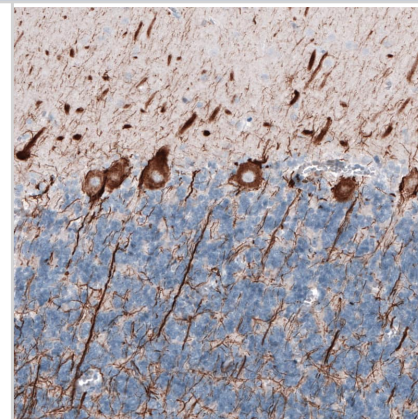
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL4729
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4747
Gene Symbol	NEFL
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P07196, with the exact immunogen sequence remaining proprietary.

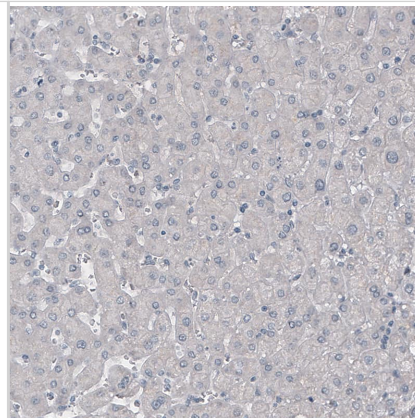
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin,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

**Images**

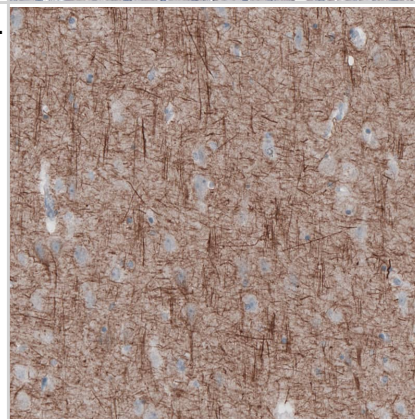
Staining of human cerebellum shows strong cytoplasmic immunoreactivity in cell bodies and proximal dendrites of Purkinje cells.



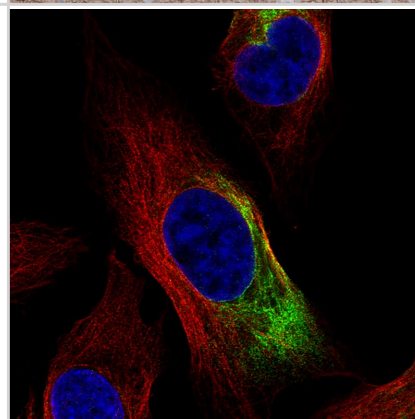
Staining of human liver shows no positivity as expected (negative control).



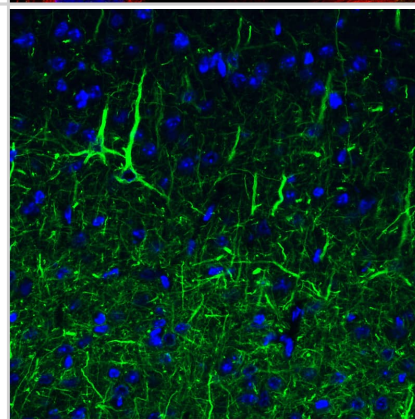
Staining of human cerebral cortex shows strong positivity in neural fibers.



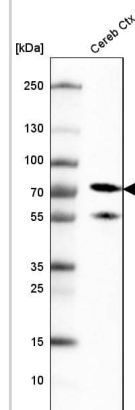
Staining of PC-3 cells using the Anti-NF-L monoclonal antibody .



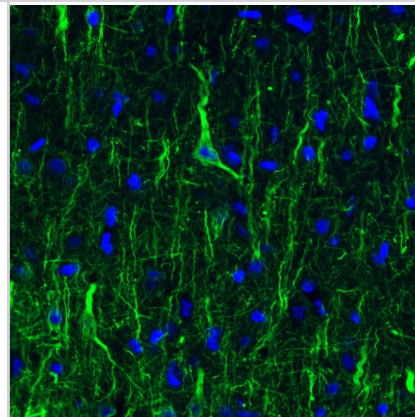
Staining of mouse cerebral cortex shows strong immunoreactivity in neuronal cell bodies and processes.



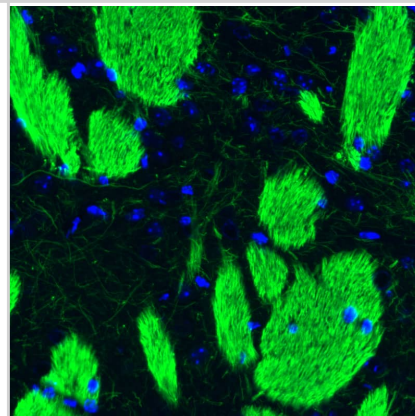
Analysis in human cerebral cortex tissue.



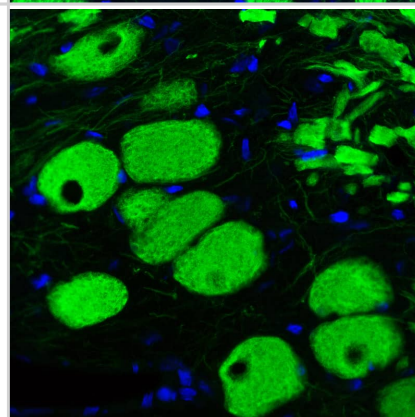
Staining of rat cerebral cortex shows strong immunoreactivity in neuronal cell bodies and processes.



Staining of mouse striatum shows strong positivity in neural fibers.



Staining of rat brainstem shows strong immunoreactivity in neuronal cell bodies.





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### **Products Related to NBP3-44128**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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