

# Product Datasheet

## CNPase Antibody (CL2872) - BSA Free NBP2-46636

Unit Size: 0.1 ml

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

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**NBP2-46636**

CNPase Antibody (CL2872) - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| 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               | CL2872                                                                                                           |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG1                                                                                                             |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

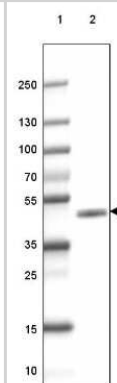
| Product Description |                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse CNPase Antibody (CL2872) - BSA Free (NBP2-46636) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                         |
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                          |
| Gene ID             | 1267                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol         | CNP                                                                                                                                                                                                                                                                                                                                            |
| 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 P09543, with the exact immunogen sequence remaining proprietary.                                                                                                                                                                                                          |

| Product Application Details |                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                     |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                 |

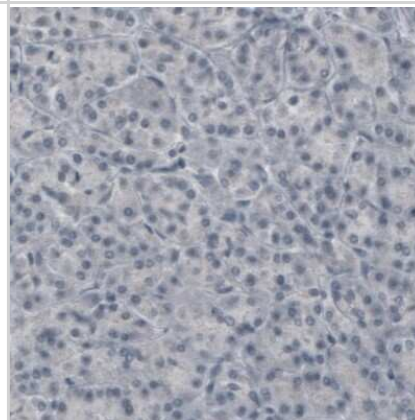


## Images

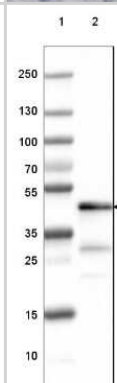
Western Blot: CNPase Antibody (2872) [NBP2-46636] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



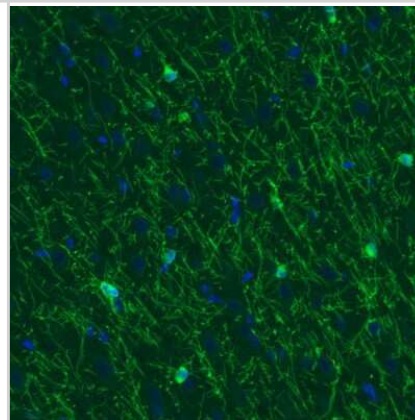
Immunohistochemistry-Paraffin: CNPase Antibody (CL2872) [NBP2-46636] - CNPase Antibody (2872) [NBP2-46636] - Staining of human pancreas shows absence of immunoreactivity (negative control).



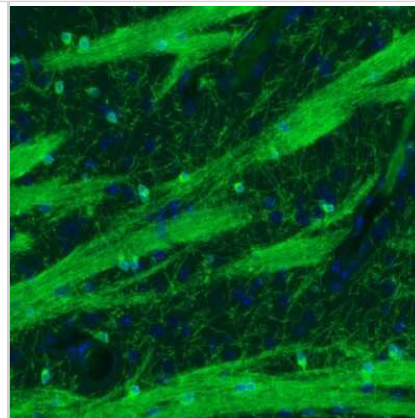
Western Blot: CNPase Antibody (2872) [NBP2-46636] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



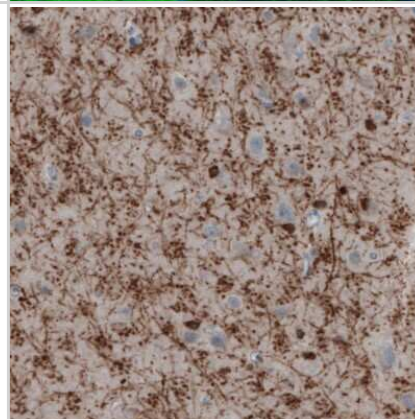
Immunohistochemistry: CNPase Antibody (2872) [NBP2-46636] - Staining of rat cerebral cortex shows moderate immunoreactivity in oligodendrocytes.



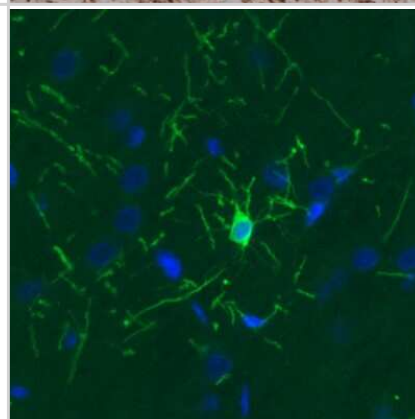
Immunohistochemistry: CNPase Antibody (2872) [NBP2-46636] - Staining of mouse striatum shows strong positivity in oligodendrocytes and myelinated neural fibers.



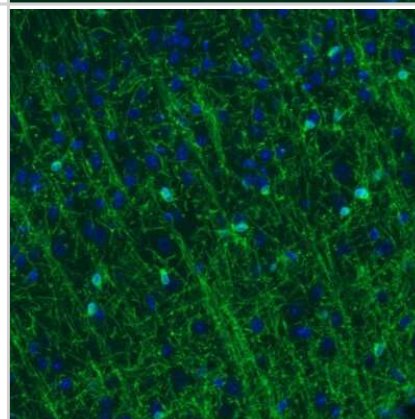
Immunohistochemistry-Paraffin: CNPase Antibody (CL2872) [NBP2-46636] - CNPase Antibody (2872) [NBP2-46636] - Staining of human cerebral cortex shows strong immunoreactivity in oligodendrocytes.



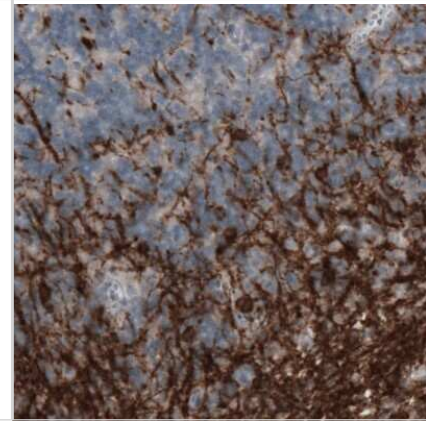
Immunohistochemistry: CNPase Antibody (2872) [NBP2-46636] - Staining of rat cerebral cortex shows strong immunoreactivity in a single oligodendrocyte.



Immunohistochemistry: CNPase Antibody (2872) [NBP2-46636] - Staining of mouse cerebral cortex shows strong immunoreactivity in oligodendrocytes.



Immunohistochemistry-Paraffin: CNPase Antibody (CL2872) [NBP2-46636] - CNPase Antibody (2872) [NBP2-46636] - Staining of human cerebellum shows strong immunoreactivity in oligodendrocytes and myelinated neural processes.





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### **Products Related to NBP2-46636**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| 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)                        |
| H00001267-P01-10ug | Recombinant Human CNPase GST (N-Term) Protein           |

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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