

# Product Datasheet

## CNPase Antibody - BSA Free

### NBP1-85995

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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**NBP1-85995**

CNPase Antibody - BSA Free

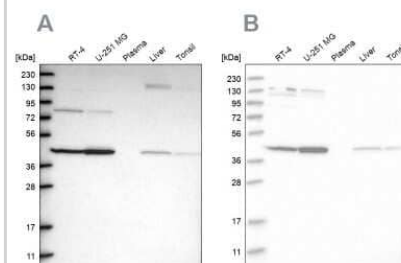
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1267
Gene Symbol	CNP
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
Marker	Oligodendrocyte Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLARVIVDKYRDGTKMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRRDIRIL VLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCAQLKEKNQW

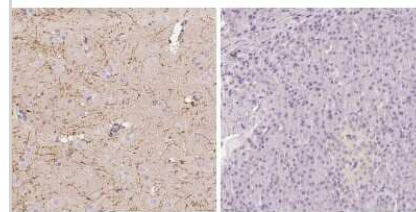
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Western Blot: CNPase Antibody [NBP1-85995] - Analysis using Anti-CNP antibody NBP1-85995 (A) shows similar pattern to independent antibody NBP1-85999 (B).

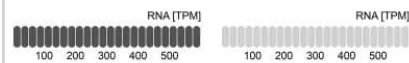


Immunohistochemistry-Paraffin: CNPase Antibody [NBP1-85995] - Staining in human cerebral cortex and pancreas tissues using anti-CNP antibody. Corresponding CNP RNA-seq data are presented for the same tissues.

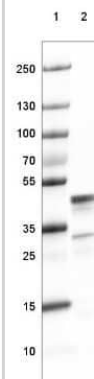


CNP in Cerebral cortex

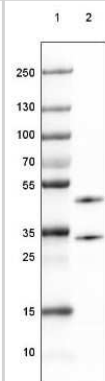
CNP in Pancreas



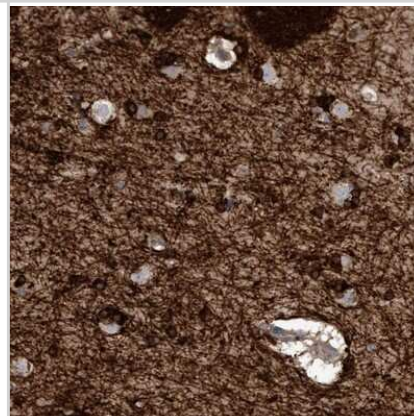
Western Blot: CNPase Antibody [NBP1-85995] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Human Cerebral Cortex tissue



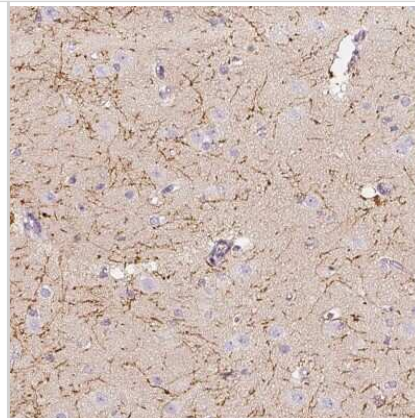
Western Blot: CNPase Antibody [NBP1-85995] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Mouse Cerebral Cortex tissue



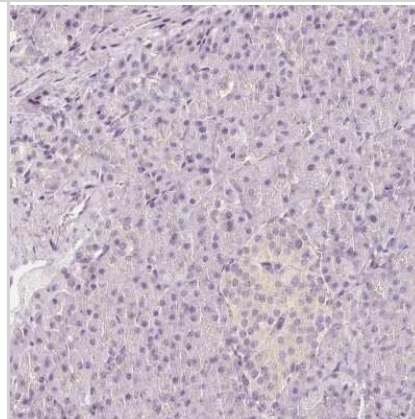
Immunohistochemistry-Paraffin: CNPase Antibody [NBP1-85995] - Staining of human lateral ventricle shows strong cytoplasmic positivity in glial cells.



Immunohistochemistry-Paraffin: CNPase Antibody [NBP1-85995] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: CNPase Antibody [NBP1-85995] - Staining of human pancreas shows low expression as expected.





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### **Products Related to NBP1-85995**

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NBP1-85995PEP	CNPase Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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