

Product Datasheet

CNPase Antibody - BSA Free

NBP2-50058

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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NBP2-50058

CNPase Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	5mM Sodium Azide
Purity	Unpurified
Buffer	Supplied as serum
Target Molecular Weight	48 kDa

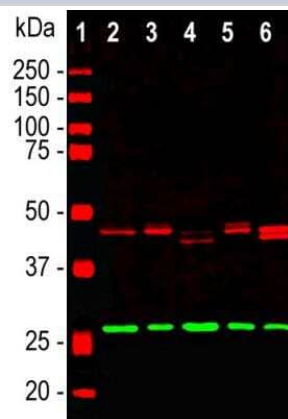
Product Description	
Description	Novus Biologicals Rabbit CNPase Antibody - BSA Free (NBP2-50058) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1267
Gene Symbol	CNP
Species	Human, Mouse, Rat
Immunogen	Full length human CNPase recombinant protein. [UniProt# P09543]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, Immunohistochemistry 1:1000 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:2000
Application Notes	In western blot, double bands may be detected at 46 and 48kDa, corresponding to the two isotypes of the CNP protein.

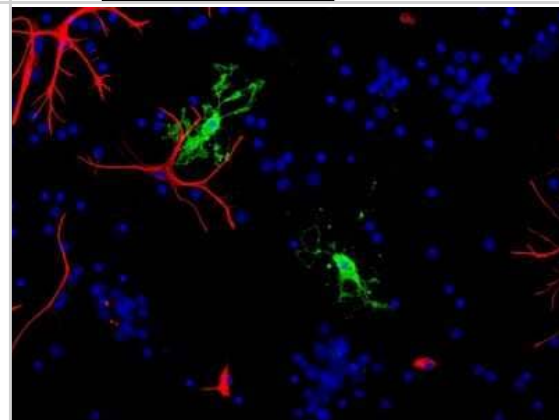


Images

Western Blot: CNPase Antibody [NBP2-50058] - Analysis of different tissue lysates using rabbit pAb to CNP, NBP2-50058, dilution 1:5,000 in red: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, and [6] cow spinal cord. Double bands at 46, 48kDa mark correspond to isoforms of the CNP protein. The blot was simultaneously probed with mouse mAb to calretinin, dilution 1:2,000, in green. The single band at 29kDa corresponds to the calretinin protein.



Immunocytochemistry/Immunofluorescence: CNPase Antibody [NBP2-50058] - Mixed neuron-glia cell cultures stained with NBP2-50058 (green) and monoclonal antibody against GFAP (red, NBP1-05197). The CNPase antibody stains strongly in oligodendrocytes, whereas GFAP labels the intermediate filament in astrocytes. Blue is DNA staining showing the nuclei of these and numerous other cells, most of which are neurons and which do not express either CNPase or GFAP.





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Products Related to NBP2-50058

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00001267-P01-10ug	Recombinant Human CNPase GST (N-Term) Protein
538-MG-100	MAG/Siglec-4a

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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