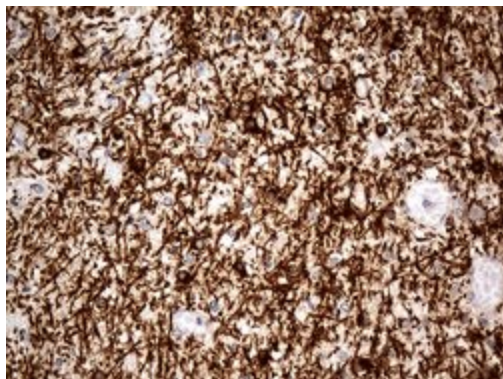


CNPase Monoclonal Antibody (OTI3C3)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI3C3
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of CNP produced in HEK293T cell
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2723001

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:500	-

Product Images For CNPase Monoclonal Antibody (OTI3C3)

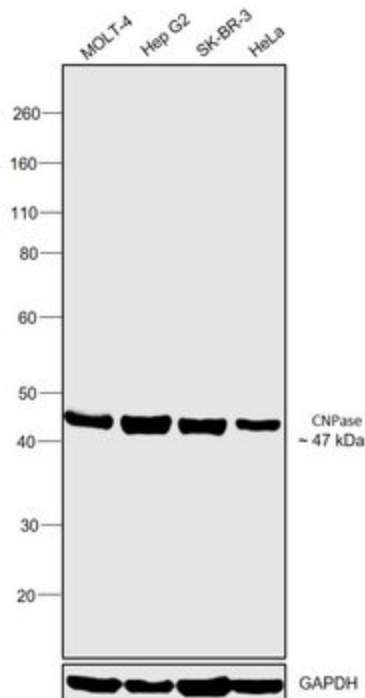


CNPase Antibody (MA5-27394) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded human embryonic cerebellum tissue. To expose target proteins, heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min. Following antigen retrieval, tissues were probed with a CNP monoclonal antibody (Product # MA5-27394) at a dilution of 1:500.

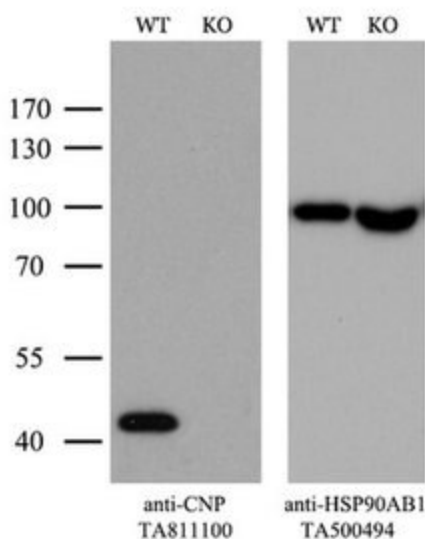
CNPase Antibody (MA5-27394) in WB

Western blot was performed using Anti-CNPase Monoclonal Antibody (OT13C3) (Product # MA5-27394) and a 47 kDa band corresponding to CNPase was observed across cell lines tested. Membrane enriched extracts (30 µg lysate) of MOLT-4 (Lane 1), Hep G2 (Lane 2), SK-BR-3 (Lane 3) and HeLa (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



CNPase Antibody (MA5-27394) in WB

Western blot analysis of CNP in HeLa wild-type and knockout cells using 10 µg per lane. Samples were separated by SDS-PAGE and probed with CNP (Product # MA5-27394) monoclonal antibody and HSP90AB1 antibody with a dilution of 1:500 as a loading control.



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