Product Datasheet

Calbindin D-28K Antibody (4H7) NBP2-50048

Unit Size: 0.1 ml

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



Publications: 2

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Updated 5/23/2024 v.20.1

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NBP2-50048

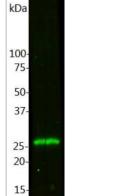
Calbindin D-28K Antibody (4H7)

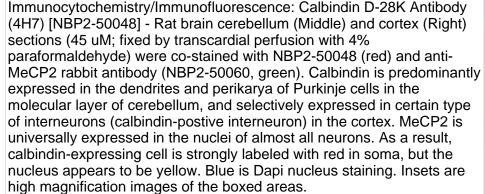
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Images

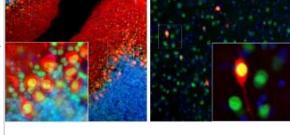
Western Blot: Calbindin D-28K Antibody (4H7) [NBP2-50048] - Analysis of cow cerebellum lysate were probed with NBP2-50048. NBP2-50048 binds strongly and specifically to Calbindin at 28 kDa.

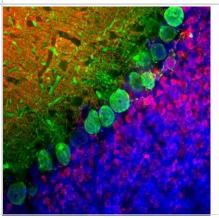




Immunohistochemistry Free-Floating: Calbindin D-28K Antibody (4H7) [NBP2-50048] - Analysis of rat brain cerebellum section stained with mouse mAb to calbindin, NBP2-50048, dilution 1:1,000, in green, and costained with rabbit pAb to calretinin, dilution 1:5,000 in red. The blue is DAPI staining of nuclear DNA Following transcardial perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with the above antibodies. Calbindin antibody prominently labels the dendrites and perikarya of Purkinje cells in the molecular layer of cerebellum. In contrast the calretinin antibody stains granule cells, in the granualar layer, and their processes in the molecular layer.

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Publications

Singla R, Mishra A, Lin H et al. Haploinsufficiency of a Circadian Clock Gene Bmal1 (Arntl or Mop3) Causes Brain-Wide mTOR Hyperactivation and Autism-like Behavioral Phenotypes in Mice International journal of molecular sciences 2022-06-05 [PMID: 35682995]

Otterpohl KL, Hart RG, Evans C et al. Nonmuscle myosin 2 proteins encoded by Myh9, Myh10, and Myh14 are uniquely distributed in the tubular segments of murine kidney Physiological Reports 2017-12-05 [PMID: 29208685] (IHC-P, Mouse)





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Products Related to NBP2-50048

NBP1-30222	Recombinant Human Calbindin D-28K Protein
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]

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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