UC Davis/NIH NeuroMab Facility
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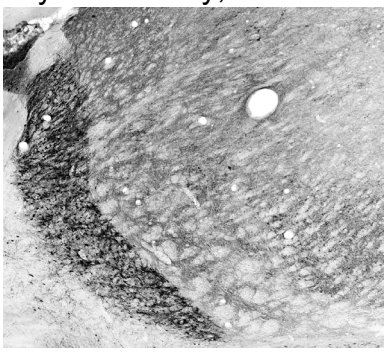
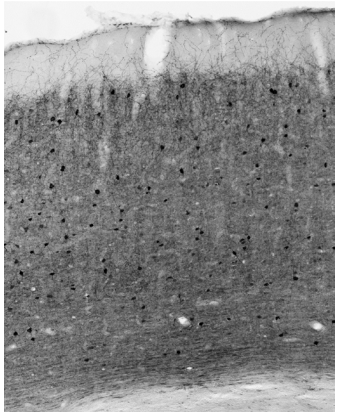
Anti-Parvalbumin, NeuroMab clone L114/81

Immunogen:
Fusion protein amino acids 1-110 (full-length) of rat Parvalbumin (also known as Parvalbumin alpha, Pvalb and Pva, accession number P02625)
Mouse: 95% identity (104/110 amino acids identical)
Human: 92% identity (101/110 amino acids identical)
~50% identity with Oncomodulin

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

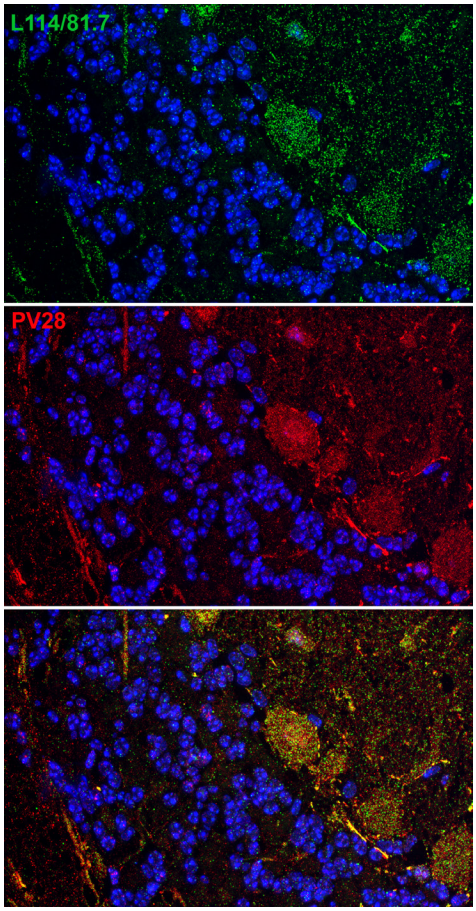
NeuroMab Applications:
Immunoblot, Immunocytochemistry, Immunohistochemistry and Array Tomography





Species Reactivity: rat, mouse

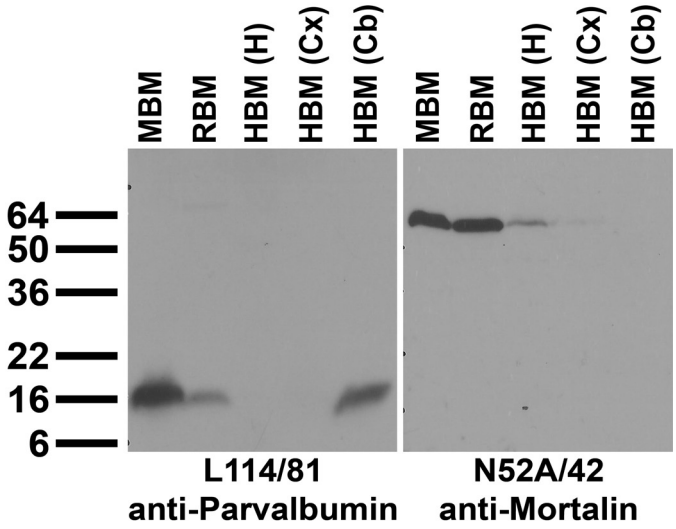
MW: 20 kDa



Top left: adult rat hippocampus (top), thalamus (bottom left) and somatosensory cortex (bottom right) immunohistochemistry

Top right: array tomography immunofluorescence volume reconstruction of 8 serial LRWhite-embedded 70 nm sections from adult mouse cerebellum with L114/81 (green), rabbit Parvalbumin (Swant PV28, red) and DAPI (blue), with composite overlay (bottom). Images courtesy of Kristina Micheva (Stanford).

Bottom: immunoblot against crude membranes from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] probed with L114/81 (left) or N52A/42 (right) TC supe



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