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250-160-

50

MBM-WT MBM-Ih/Ih

RBM

Anti-Cavβ4 calcium channel, NeuroMab clone N10/7

Immunogen:

Synthetic peptide amino acids 458-474 of rat Cavβ4 (DENYHNERARKSRNRLS; XP_215742) Human: 100% identity Mouse=100% identity

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

NeuroMab Applications:

Immunoblot, Immunohistochemistry and Immunoprecipitation Species Reactivity: human, mouse, rat No crossreactivity against rat Cavβ1b, Cavβ2a, and Cavβ3 in transfected cells

MW: 50 kDa

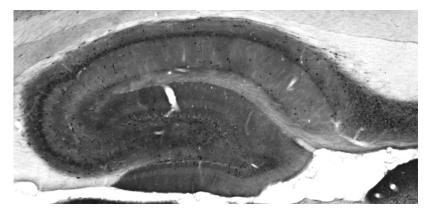
Images

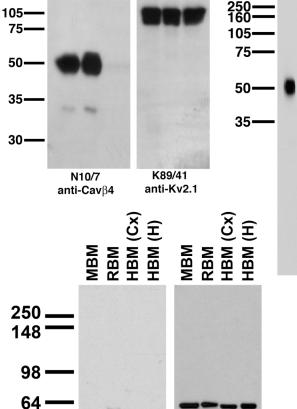
Top. Left: Immunoblot on adult rat brain membrane (RBM), and adult mouse brain membranes (MBM) from wild-type (WT) and lethargic (Ih/Ih) mice (left) Lethargic mice courtesy of Dr. Jeff Noebels, Baylor College of Medicine. Right: Adult rat brain membrane immunoblot.

Middle: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].

Bottom. Left. Adult rat hippocampus

immunohistochemistry. Right. Higher magnification view of CA1.





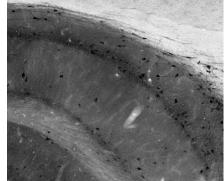
MBM-WT MBM-Ih/Ih

RBM

N10/7 TC Supe 1:10

N10/7 pure 10 μg/ml N10/7 pure 1 μg/ml

____N10/7 N52A/42 anti-Cavβ4 anti-Mortalin



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