



Anti-Cav β 4 calcium channel, NeuroMab clone N10/7

Available as TC supe (RRID: AB_10671176) & Pure IgG (RRID: AB_2069776)

Immunogen:

Synthetic peptide amino acids 458-474 of rat Cav β 4
 (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 Cav β 1b, Cav β 2a, and Cav β 3 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 (lh/lh) 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.

