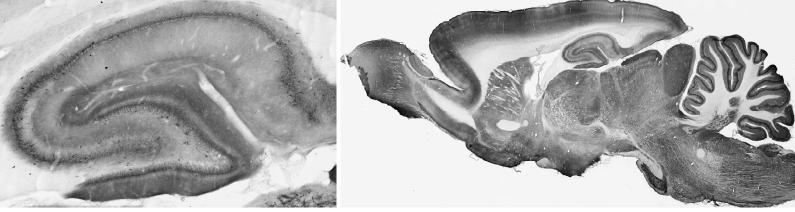


UC Davis/NIH NeuroMab Facility Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616 http://neuromab.ucdavis.edu

Anti-Nav1.1 sodium channel, NeuroMab clone K74/71

 Immunogen: Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus, HLLKRTVKQASFTY NKNKLKGGANLLVKEDMIIDRINENSITEKTDLTMSTAACPPSYDRVTKPIVEK HEQEGKDEKAKGK) of rat Voltage-gated sodium channel subunit alpha Nav1.1 (also known as Sodium channel protein type 1 subunit alpha, Sodium channel protein brain I subunit alpha, Scn1a, NAC1 and SCN1, accession number P04774) Mouse: 98% identity (80/81 amino acids identical) Human: 97% identity (79/81 amino acids identical) ~50% identity with Nav1.2 and Nav1.3 	
<u>Monoclonal antibody info:</u> Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1	500 — 279 — 251 —
<u>NeuroMab Applications:</u> Immunoblot, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation	
Species Reactivity: rat, mouse, human	164 —
Does not cross-react with Nav1.2 or Nav1.3	121 —
MW: 230 kDa	98 —
Adult rat brain membrane immunoblot	64 —

Adult rat hippocampus (left) and whole brain (right) immunohistochemistry



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