

Product datasheet for 73-024

Scn2a Mouse Monoclonal Antibody [Clone ID: K69/3]

Product data:

Product Primary Antibodies

Type:

Clone Name: K69/3

Applications: IHC, IP, WB

Recommend Immunoblot (IB)

Dilution: Immunohistochemistry (IHC)
Immunoprecipitation (IP)

Reactivity: Human, Mouse, Rat

Host: Mouse

Isotype: IgG2a

Clonality: Monoclonal

Immunogen: Fusion protein amino acids 1882-2005 (cytoplasmic C-terminus, RFMASNPSKVSYPITTTLLKRKQEEVSAIVIQRAYRRYLLKQKVKVSSIIYKKDKGKEDGTPIKEDIITDKLNENSTPEKTDVTPSTTSF rat Voltage-gated sodium channel subunit alpha Nav1.2, Sodium channel protein type 2 subunit alpha, Sodium channel NAC2, Scn2a, Scn2a1, Scn2a2, accession number P04775).
Mouse: 100% identity (124/124 amino acids identical).
Human: 94% identity (117/124 amino acids identical).
>60% identity with Nav1.1, Nav1.3 and Nav1.7.

Specificity: Does not cross-react with Nav1.1/3/7

Formulation: State: Supernatant

Gene Name: sodium voltage-gated channel alpha subunit 2

Database [Entrez Gene 24766 Rat](#)

Link:

Synonyms: NAC2, SCN2A1, SCN2A2, HBSC II



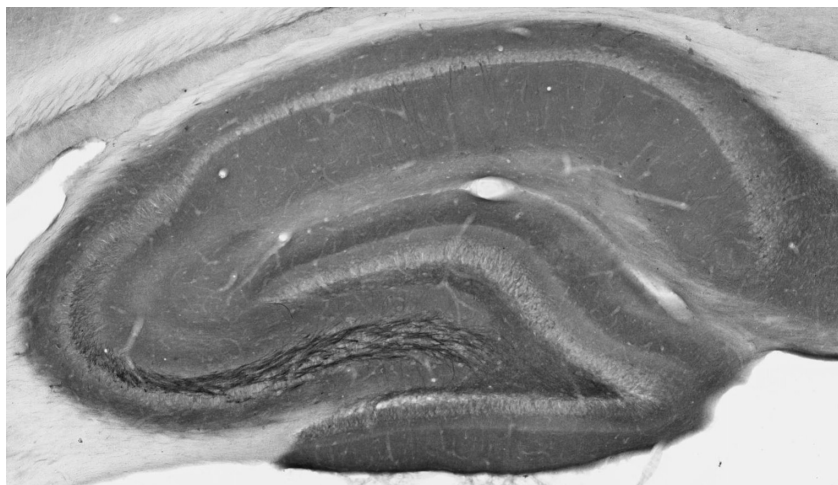
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Note:

USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATE statement is as follows:

"The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, support maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e

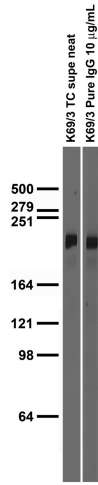
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Product images:

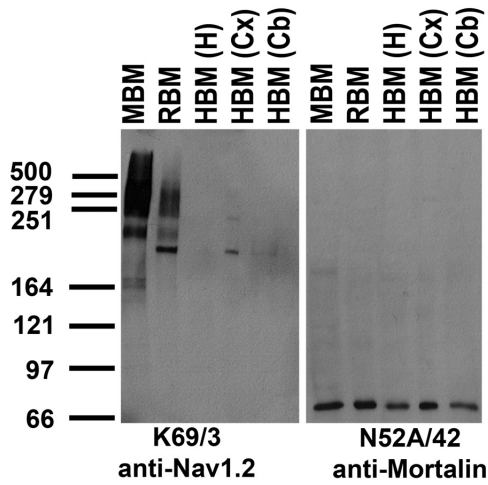
Adult rat hippocampus immunohistochemistry



Whole brain immunohistochemistry



adult rat brain membrane immunoblot



Immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with K69/3 (left) or N52A/42 (right) TC supe.