

Product datasheet for 75-023

Scn1a Mouse Monoclonal Antibody [Clone ID: K74/71]

Product data:

Product Primary Antibodies

Type:

Clone Name: K74/71

Applications: IF, IHC, IP, WB

Recommend **Immunoblot (IB).**

Dilution: **Immunohistochemistry (IHC).**
Immunocytochemistry (ICC).
Immunoprecipitation (IP).

Reactivity: Human, Mouse, Rat

Host: Mouse

Isotype: IgG1

Clonality: Monoclonal

Immunogen: Fusion protein amino acids 1929-2009 (cytoplasmic C-terminus, HLLKRTVKQASFTY NKNKLKGGANLLVKEDMIIDRINENSITEKTDLTMSTAACPPSYDRVTKPIVEKHEQEGKDEKAKGK) 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.

Specificity: Does not cross-react with Nav1.2 or Nav1.3.

Formulation: State: Purified

Gene Name: sodium voltage-gated channel alpha subunit 1

Database [Entrez Gene 81574 Rat](#)

Link:

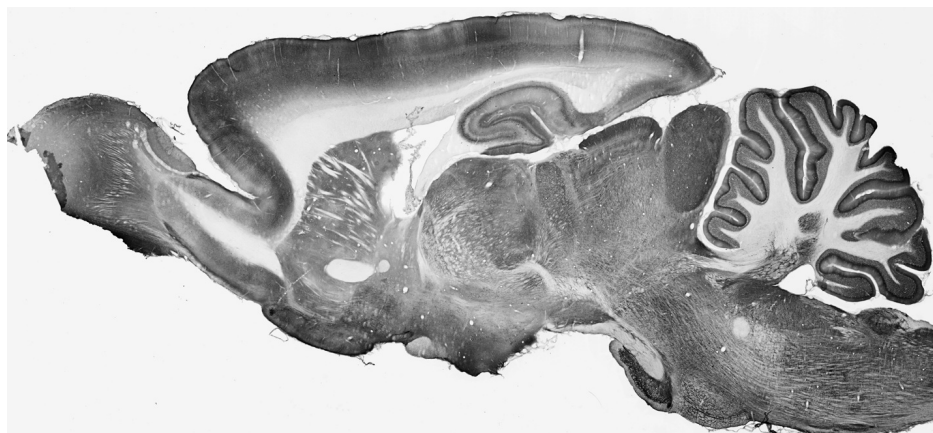
Synonyms: NAC1, SCN1



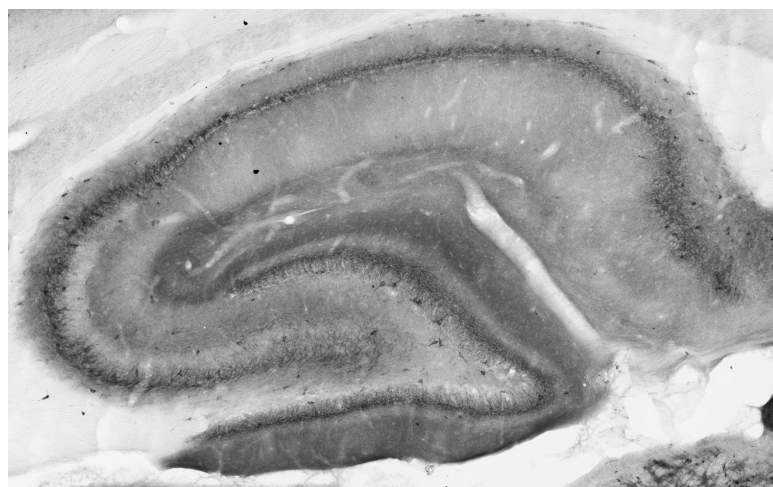
[View online »](#)

Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows:
"The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616."
Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity.
[View Research License Agreement](#)

Product images:



Whole brain immunohistochemistry



Adult rat hippocampus immunohistochemistry

