

**Anti-Nav1.7 sodium channel, NeuroMab clone N68/6**

Available as TC supe (RRID: AB_10672976) & Pure IgG (RRID: AB_2184355)

Immunogen:

Fusion protein amino acids 1751-1946 (cytoplasmic C-terminus) of human Nav1.7 (also known as sodium channel protein type 9 subunit alpha, neuroendocrine sodium channel, hNE-Na and peripheral sodium channel 1, accession number Q15858)

Mouse: 96% identity (190/196 amino acids identical)

Rat: 95% identity (186/196 amino acids identical)

Shares 66-84% identity with other Nav channels

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat

No cross-reactivity against other Nav channels

MW: 230 kD

Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and HEK-293 cells stably expressing Nav1.3, and Nav1.7 and transiently expressing Kv2.1 probed with N68/6 (left) or K58/35 (right) TC supe.

