

UC Davis/NIH NeuroMab Facility

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Anti-Kv11.3 potassium channel, NeuroMab clone N447/24

TC supe catalog # 73-440 (RRID: AB 2560963)

Immunogen:

Fusion protein amino acids 894-1059 (cytoplasmic C-terminus) of rat Kv11.3 (also known as Voltage-gated potassium channel subunit Kv11.3, Ether-a-go-go-related gene potassium channel 3, Ether-a-go-go-related protein 3, Eag-related protein 3, Potassium voltage-gated channel subfamily H member 7, Erg3 and Kcnh7, accession number O54852)

Mouse: 93% identity (155/166 amino acids identical) Human: 79% identity (131/166 amino acids identical)

<<50% identity with Kv11.1 and Kv11.2

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| Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG2b | N447/24 TC supe |
| NeuroMab Applications: Immunoblot, Immunocytochemistry and Immunohistochemistry | N 744 |
| Species Reactivity: rat, mouse, human | 251 — |
| MW: 120 kDa | |
| | 164 — 1 21 — 1 |
| | 98 — |
| Adult rat brain membrane immunoblot | Y |
| | 64 — |
| | 50 — |
| | 36 — |