



### Anti-Cav $\beta$ 3 calcium channel, NeuroMab clone N473/36

Available as TC supe (RRID: AB\_2637017) & Pure IgG (RRID: AB\_2797377)

#### Immunogen:

Fusion protein amino acids 20-149 (N-terminus) of human Cavbeta3 (also known as Voltage-dependent L-type calcium channel subunit beta-3, Calcium channel voltage-dependent subunit beta 3, CAB3, CACNB3, CACNLB3 and CCHB3, accession number P54284)

Rat: 100% identity (130/130 amino acids identical)

Mouse: 99% identity (129/130 amino acids identical)

<70% identity with Cavbeta4 and other calcium channel subunits

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human, rat, mouse

Does not cross-react with Cavbeta1, Cavbeta2 or Cavbeta4

MW: 60 kDa

Immunoblot against extracts of COS cells transiently transfected with Myc-Flag-tagged Cavbeta1, Cavbeta2, Cavbeta3, Cavbeta4 or untagged Kv2.1 plasmid probed with N473/86 (left) or mouse anti-Flag (right).

Adult rat brain membrane immunoblot

