

UC Davis/NIH NeuroMab Facility
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# Anti-Kvβ2 potassium channel, NeuroMab clone K17/70

Available as TC supe (RRID:AB 10673520) & Pure IgG (RRID:AB 2131373)

### Immunogen:

Fusion protein amino acids 1-367 (full length) of rat Kvβ2 (accession number NP 034728)

Epitope mapped to within amino acids 17-22

Human: 98% identity (362/367)

Mouse=100% identity

## Monoclonal antibody info:

Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

### NeuroMab Applications:

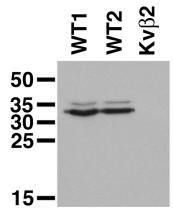
Immunoblot, Immunohistochemistry and Immunoprecipitation

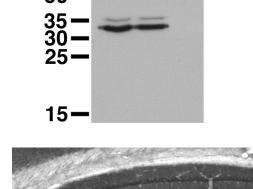
Species Reactivity: human, mouse, rat, zebrafish

MW: 38 kDa (major band), 41 kD (minor band)

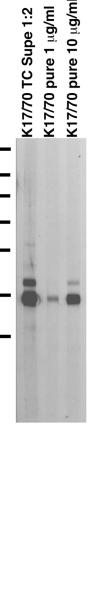
Adult rat brain membrane immunoblot

Immunoblot on adult mouse brain membranes from two wild-type (WT1,2) and Kvβ2 knockout (Kvβ2 KO) mice. Brain samples courtesy of Dr. Geoff Murphy, Molecular and Behavioral Neuroscience Institute, University of Michigan.





Adult rat hippocampus immunohistochemistry



196 -

118 -

90 -

70 -

55 -

38.

34.