

UC Davis/NIH NeuroMab Facility Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616 http://neuromab.ucdavis.edu neuromab@ucdavis.edu

Anti-GABABR2 GABA-B receptor, NeuroMab clone N81/2

Available as TC supe (RRID: AB_10671704) & Pure IgG (RRID: AB_10672845)

Immunogen:

Fusion protein amino acids 862-913 (cytoplasmic C-terminus) of human GABABR2 (also known as Gamma-aminobutyric acid type B receptor subunit 2, KBM WT KO RBM žô GABA-B receptor 2, Gb2, G-protein coupled receptor 51 or GPR51, accession number O75899) Mouse: 100% identity (52/52 amino acids identical) Rat: 100% identity (52/52 amino acids identical) 250 · <20% identity with GABABR1 148 Monoclonal antibody info: 98 Mouse strain: Balb/C Mveloma cell: SP2/0 64 Mouse Ig Isotype: IgG1 50 NeuroMab Applications: N81/2 N52A/42 Immunoblotting, Immunocytochemistry and anti-GABABR2 anti-Mortalin Immunohistochemistry Species Reactivity: human, mouse, rat ABM ABM HBM HBM HBM MBM ABM HBM HBM Does not cross-react with GABABR1 250 148 MW: 105 kDa 98 64 Top: immunoblot against adult rat brain membranes (RBM) and membranes from GABABR2 wild-type (WT) and 50

knockout (KO) mice probed with N81/2 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Joshua Walker and Stephen Moss (Tufts).

Bottom: immunoblot against crude brain membranes from

adult mouse (MBM), rat (RBM) and human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with N81/2 (left) or N52A/42 (right) TC supe.

N81/2

anti-GABA(B)R2 anti-Mortalin

N52A/42