



**Anti-GABA-A-R-Beta3, NeuroMab clone N87/25**

Immunogen:

Fusion protein amino acids 370-433 of mouse GABA-A-R-Beta3 (also known as Gamma-aminobutyric acid receptor subunit beta-3, accession number P63080)

Rat: 100% identity (64/64 amino acids identical)

Human: 85% identity (53/64 amino acids identical)

<40% identity with GABA-A-R-Beta1 or -Beta2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat, human

Does not cross-react with GABA-A-R-Beta1 or -2

MW: 55 kDa

Top left: immunofluorescence of cultured hippocampal neurons with N87/25 (red) and GABA-A-R-Gamma2 rabbit polyclonal (green). Images courtesy of Angel de Blas (University of Connecticut).

Top right: adult rat brain membrane immunoblot

Middle left: immunoblot against membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with N87/25 (left) or N52A/42 (right) TC supe.

Bottom: adult rat hippocampus (left) and whole brain (right) immunohistochemistry

