

## Anti-GABA-A-R-Beta1, NeuroMab clone N96/55

Immunogen: Fusion protein amino acids 327-450 (cytoplasmic loop) of mouse GABA-A-R-Beta1 (also known as Gamma-aminobutyric acid receptor subunit beta-1, accession number P50571) Rat: 99% identity (123/124 amino acids identical) Human: 95% identity (118/124 amino acids identical) ~50-60% identity with GABA-A-R-Beta2 and -Beta3

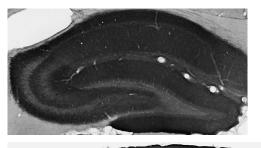
Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

<u>NeuroMab Applications:</u> Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat, human

Does not cross-react with GABA-A-R-Beta2 or GABA-A-R-Beta3

MW: 55 kDa



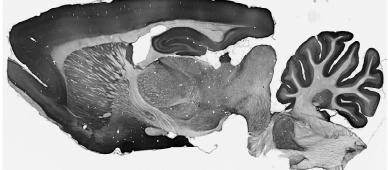
Top right: adult rat brain membrane immunoblot

Top left: adult rat hippocampus immunohistochemistry

Middle: adult rat brain immunohistochemistry

Bottom: immunofluorescence of cultured hippocampal neurons with N96/55 (red), GABA-A-R-Gamma2 rabbit polyclonal (green) and GAD

(blue). Images courtesy of Angel de Blas (University of Connecticut).



N96/55 TC Supe

250

148<sup>.</sup>

98 ·

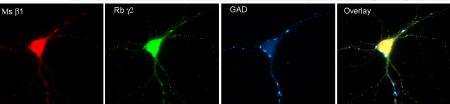
64

50

N96/55 Pure 10

Pure .

N96/55 |



© 2020 The Regents of the University of California All Rights Reserved