

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

Available as TC supe (RRID: AB_10673157) & Pure IgG (RRID: AB_2109406)

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

NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat, human

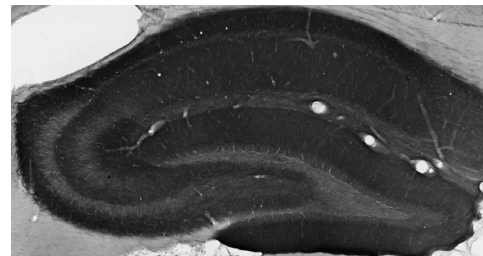
Does not cross-react with GABA-A-R-Beta2 or GABA-A-R-Beta3

MW: 55 kDa

N96/55 TC Supe 1:2
N96/55 Pure 10 µg/mL
N96/55 Pure 1 µg/mL

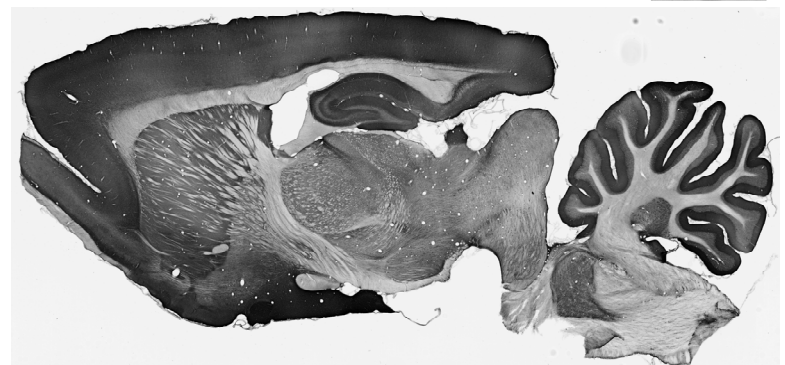
250 —
148 —
98 —
64 —
50 —

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).

