

UC Davis/NIH NeuroMab Facility

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Anti-GABA-A-R-Alpha6, NeuroMab clone N229A/32

Available as TC supe (RRID: AB_2336906) & Pure IgG (RRID: AB_2491091)

Immunogen:

Fusion protein amino acids 325-420 (last cytoplasmic domain before extracellular C-terminus) of mouse GABA-A-R-Alpha6 (also known as Gamma-aminobutyric acid receptor subunit alpha-6, GABA(A) receptor subunit alpha-6 and Gabra6, accession number P16305)

Rat: 91% identity (88/96 amino acids identical) Human: 73% identity (71/96 amino acids identical)

<40% identity with GABA-A-R-Alpha4 and other GABA-A receptors

Monoclonal antibody info:

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

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not react with GABA-A-R-Alpha4

MW: 50 kDa

Immunoblot against extracts of COS cells transiently transfected with DsRed-tagged GABAARAlpha4, Flag-tagged GABAARAlpha6 or untagged Kv2.1 plasmid probed with N229A/32 (left), Mouse anti-Flag (middle) or N398A/34 (right) TC supe.

Adult rat brain immunohistochemistry

