

**Anti-GABA-A-R-Alpha5, NeuroMab clone N415/24**

Available as TC supe (RRID: AB\_2491075) &amp; Pure IgG (RRID: AB\_2491187)

Immunogen:

Fusion protein amino acids 368-419 (last cytoplasmic domain before extracellular C-terminus) of human GABA-A-R-Alpha5 (also known as Gamma-aminobutyric acid receptor subunit alpha-5, GABA(A) receptor subunit alpha-5 and Gabra5, accession number P31644)

Mouse: 78% identity (41/52 amino acids identical)

Rat: 73% identity (39/53 amino acids identical)

&lt;50% identity with GABA-A-R-Alpha2 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: human, mouse, rat

Does not cross-react with GABA-A-R-Alpha2 (or other GABA-A receptors based on KO validation data)

MW: 55 kDa

Immunoblot against crude low-speed pellet fractions from adult rat brain (RBLSP) and wild-type (WT) and GABA-A-R-Alpha5 knockout (KO) mouse brains probed with N415/24 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Uwe Rudolph (Harvard Medical School).

