UC Davis/NIH NeuroMab Facility
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Anti-GABA-A-R-Alpha2, NeuroMab clone N399/19

TC supe catalog # 73-384 (RRID:AB_2336904) and Pure IgG catalog # 75-384 (AB_2686910)

Immunogen:
Fusion protein amino acids 350-385 (cytoplasmic C-terminus) of rat GABA-A-R-Alpha2 (also known as Gamma-aminobutyric acid receptor subunit alpha-2, GABA(A) receptor subunit alpha-2 and Gabra2, accession number P23576)
Mouse: 100% identity (36/36 amino acids identical)
Human: 97% identity (35/36 amino acids identical)
<50% identity with GABA-A-R-Alpha1

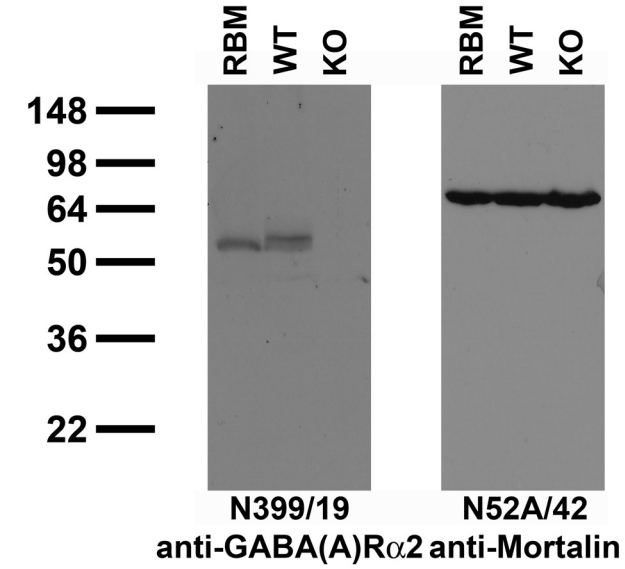
Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

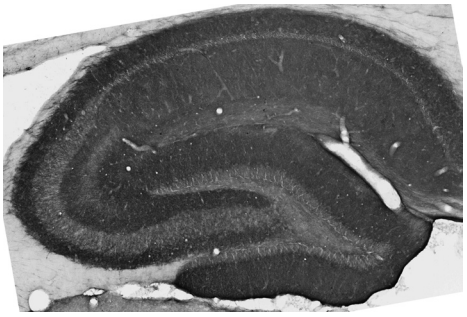
NeuroMab Applications:
Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

Does not cross-react with GABA-A-R-Alpha1

MW: 55 kDa





Immunoblot against crude membranes from adult rat brain (RBM) and wild-type (WT) and GABA-A-R-Alpha2 knockout (KO) mouse brains probed with N399/19 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Uwe Rudolph (Harvard Medical School).

Adult rat hippocampus (top) and whole brain (bottom) immunohistochemistry

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