



### Anti-GABA-A-R-Alpha1, NeuroMab clone N95/35

Available as TC supe (RRID: AB\_10697873) & Pure IgG (RRID: AB\_2108811)

#### Immunogen:

Fusion protein amino acids 355-394 (cytoplasmic loop) of human GABA-A-R-Alpha1 (also known as Gamma-aminobutyric acid receptor subunit alpha-1, accession number P14867)

Mouse: 100% identity (40/40 amino acids identical)

Rat: 100% identity (40/40 amino acids identical)

<50% identity with GABA-A-R-Alpha2

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

#### NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

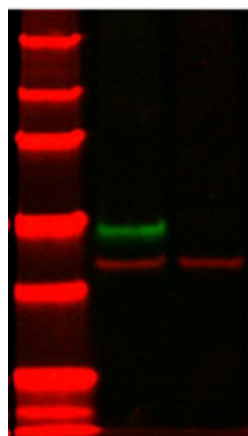
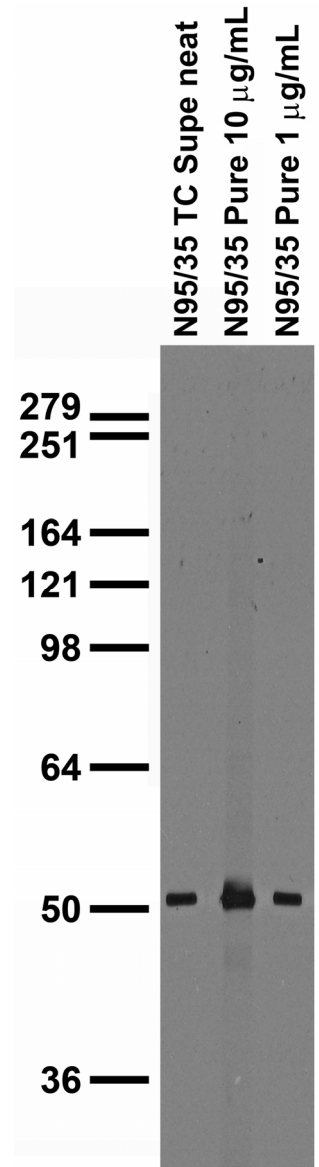
No cross-reactivity against GABA-A-R-Alpha2

MW: 52 kDa

Top: adult rat brain membrane immunoblot

Bottom left: immunoblot of adult mouse membranes from wild-type (WT) and GABA-A-R-Alpha1 knockout (KO) mice probed with N95/35 (green) and anti-actin polyclonal (red). Image courtesy of Dominique Arion, Kelly Rogers and David Lewis (University of Pittsburgh).

Bottom right: adult rat brain immunohistochemistry (with antigen retrieval via pepsin pretreatment)



WT KO

▲ GABRA1  
▲ Actin

