



### Anti- GluN3A/NR3A, NeuroMab clone N416/40

Available as TC supe (RRID: AB\_2491184) & Pure IgG (RRID: AB\_2532049)

#### Immunogen:

Fusion protein amino acids 58-87 or 152-176 (extracellular N-terminus) of mouse GluN3A (also known as Ionotropic glutamate receptor 3A, N-methyl-D-aspartate receptor subtype 3A, Glutamate receptor chi-1, NMDAR3A, NMDAR-L, NMDAR-L1, NR3A, Grin3A and KIAA1973, accession number A2AIR5)

Rat: 93% or 100% identity (28/30 or 25/25 amino acids identical)

Human: 83% or 96% identity (25/30 or 24/25 amino acids identical)

100% identity with Short isoform

<50% identity with GluN3B/NR3B and other GluN/NMDA receptors

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

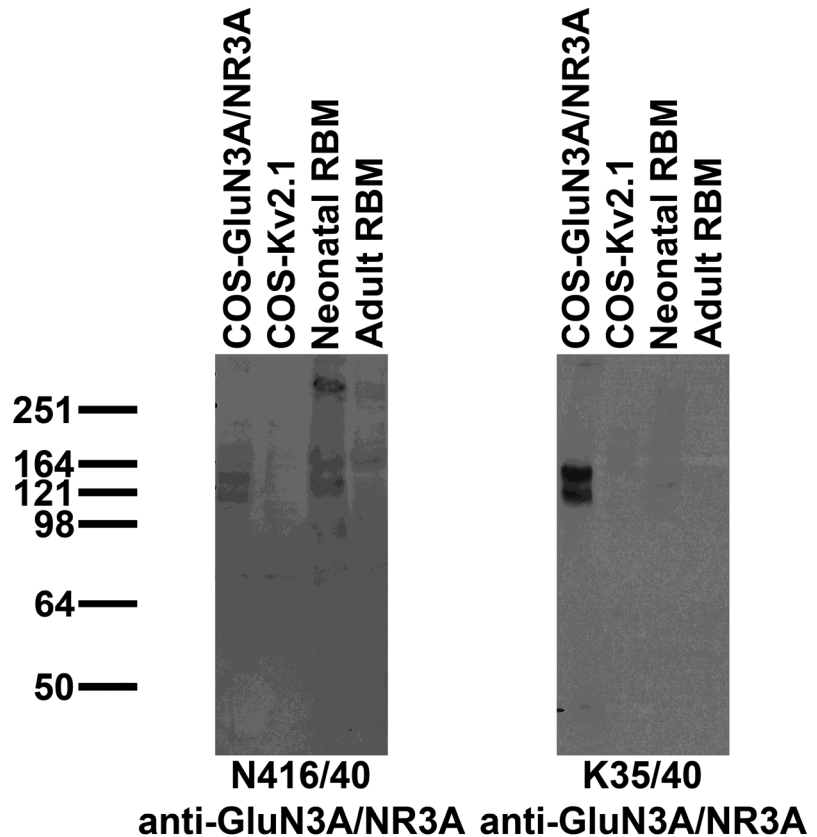
#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

MW: 110 kDa

Immunoblot against crude membranes from neonatal or adult rat brain (RBM) and extracts of COS cells transiently transfected with untagged GluN3A/NR3A or Kv2.1 plasmid probed with N416/40 (left) or K35/40 (right) TC supe.



Immunofluorescence staining of permeabilized (left) and unpermeabilized (right) COS cells transiently transfected with GFP-tagged GluN3A/NR3a and GluN1/NR1 plasmids with N416/40 (red). Images courtesy of Sonia Marco Martinez and Isabel Perez-Otano (University of Navarra).

