



### Anti-GABA-A-R-Gamma2L/S, NeuroMab clone N452/30

#### Immunogen:

Fusion protein amino acids 360-445 (cytoplasmic C-terminus) of human GABA-A-R-Gamma2L (also known as Gamma-aminobutyric acid receptor subunit gamma-2 and GABRG2, accession number P18507-2)

Mouse: 100% identity (86/86 amino acids identical)

Rat: 100% identity (86/86 amino acids identical)

>90% identity with GABA-A-R-Gamma2S (amino acids 377-384, LLRMFSFK, unique to Gamma2L)

>50% identity with GABA-A-R-Gamma1 and GABA-A-R-Gamma3

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Cross-reacts with GABA-A-R-Gamma2S

MW: 45-55 kDa

Top left: immunoblot against extracts of COS cells transiently transfected with HA-tagged GABA-A-R-Gamma2L, GABA-A-R-Gamma2S or untagged Kv2.1 plasmid probed with N452/30 (left) or rabbit anti-HA (right).

Bottom left: adult rat hippocampus immunohistochemistry

Right: adult rat brain membrane immunoblot

