



### Anti-Gephyrin, NeuroMab clone L106/4

Available as TC supe (RRID: AB\_2632414) & Pure IgG (RRID: AB\_2716264)

#### Immunogen:

Fusion protein amino acids 1-181 (N-terminus) of human Gephyrin (also known as Molybdopterin molybdenum transferase, MPT Mo-transferase, Domain G, Domain E, Putative glycine receptor-tubulin linker protein, GPHN, GPH and KIAA1385, accession number Q9NQX3)

Mouse: 100% identity (181/181 amino acids identical)

Rat: 100% identity (181/181 amino acids identical) with isoform 5, slightly lower with other isoforms

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry, Immunohistochemistry and Array Tomography

Species Reactivity: human, mouse, rat

MW: 80 kDa

Right: adult rat brain membrane immunoblot

Top: array tomography immunofluorescence of an LRWhite-embedded 70 nm section from adult mouse cortex with L106/4 (green), rabbit mAb GAD2 (Cell Signaling #5843, magenta) and DAPI (blue). The insert shows three consecutive sections through the synapse that is marked with a white box. Image courtesy of Kristina Micheva (Stanford).

Bottom: adult rat hippocampus (left) and cerebellum (right) immunohistochemistry

