



Anti-Synaptotagmin-12, NeuroMab clone N277/7

Available as TC supe (RRID: AB_2315939) & Pure IgG (RRID: AB_2315940)

Immunogen:

Fusion protein amino acids 168-255 (cytoplasmic C2A domain) of mouse Synaptotagmin-12 (also known as Syt12, Synaptotagmin XII, SytXII, Synaptotagmin-related gene 1 protein, Srg1 and Sytr1, accession number Q920N7)

Rat: 100% identity (88/88 amino acids identical)

Human: 95% identity (84/88 amino acids identical)

>30% identity with Synaptotagmin-6 (and other Synaptotagmins)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not cross-react with Synaptotagmin-6 (or other Synaptotagmins)

MW: 45 kDa (plus others)

Transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged Synaptotagmin or untagged Kv2.1 plasmids and probed with N277/7 (left) and N86/8 (right).

