



### Anti-SVOP, NeuroMab clone N356/23

Available as TC supe (RRID: AB\_2315933) & Pure IgG (RRID: AB\_2315934)

#### Immunogen:

Fusion protein amino acids 1-85 (MEEDLFQLRQLPVKFRRTGESARSEDDAASGEHDVQIEGVRV GLEAVELDDGAAVPKEFANPTDDTFMVEDAIVEAIGFGRFQWK, cytoplasmic N-terminus) of rat SVOP (also known as Synaptic vesicle 2-related protein and SV2-related protein, accession number Q9Z2I7)

Mouse: 97% identity (83/85 amino acids identical)

Human: 95% identity (81/85 amino acids identical)

<20% overall identity with SVOPL/SVOP2 but >80% identity (14/16 amino acids) near C-terminus (TFMVEDAIVEAIGFGRF)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: rat, mouse

Does not cross-react with SVOPL/SVOP2

MW: 60 kDa

Immunoblot against adult rat brain membranes (RBM) and membranes from SVOP knockout (KO) and wild-type (WT) mice probed with N356/23 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Jia Yao and Sandra Bajjalieh (University of Washington).

