



**Anti-Fig4/Sac3, NeuroMab clone N202/7**

Immunogen:

Fusion protein amino acids 688-907 (C-terminus) of mouse Sac3 (also known as SAC domain-containing protein 3, FIG4 homolog, Polyphosphoinositide phosphatase, Phosphatidylinositol 3,5-bisphosphate 5-phosphatase and Kiaa0274, accession number Q91WF7)

Rat: 95% identity (203/220 amino acids identical)

Human: 91% identity (201/220 amino acids identical)

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, human

MW: 100 kDa

Top left: immunoblot against adult rat brain membranes (RBM) and samples from wild-type (WT) and Fig4/Sac3 knockout (KO) mice probed with N202/7 (left) and K89/41 (right) TC supe. Mouse brain samples courtesy of Miriam Meisler (University of Michigan).

Top right: adult rat brain membrane immunoblot

Middle: immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with N202/7 (left) or N52A/42 (right) TC supe.

Bottom: adult rat brain immunohistochemistry

