



Anti-SAP97 scaffold protein, NeuroMab clone K64/15

Immunogen:

Fusion protein amino acids 1-104 (N-terminus) of rat SAP97 (also known as synapse-associated protein 97 and disks large homolog 1, accession number Q62696)

Human: 84% identity (87/104 amino acids identical)

Mouse: 90% identity (94/104 amino acids identical)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human (weak), mouse, rat

No crossreactivity against PSD-95, Chapsyn-110 and SAP102 expressed in transfected cells

MW: 130 kD

Images

Top right: Adult rat brain membrane immunoblot

Middle right: Immunoblot versus brain lysates from SAP97 wild-type (WT), knockout (KO) and heterozygous (Het) adult mice using K64/15 pure at 1 $\mu\text{g/mL}$ (data courtesy of Lauren Makuch and Dr. Richard Huganir, Johns Hopkins University School of Medicine).

Bottom. Left: Adult rat hippocampus immunohistochemistry.

Right: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)], and hippocampus [HBM(H)].

