

**Anti-Shank1 and Shank3, NeuroMab clone N367/51**

Available as TC supe (RRID: AB\_2315918) &amp; Pure IgG (RRID: AB\_2315919)

Immunogen:

Fusion protein amino acids 538-626 (SH3 domain) of rat Shank3 (also known as SH3 and multiple ankyrin repeat domains protein 3, Proline-rich synapse-associated protein 2, ProSAP2, PSAP2, SPANK-2 and Kiaa1650, accession number Q9JLU4)

Mouse: 100% identity (89/89 amino acids identical)

Human: 97% identity (87/89 amino acids identical)

~70% identity with Shank1 and Shank2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

Cross-reacts with Shank1

Does not cross-react with Shank2

MW: 190 kDa

Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with HA-tagged Shank1, Shank2, Shank3 or untagged Kv2.1 plasmid and probed with N367/51 (left) or N23B/49 (right) TC supe.

Adult rat hippocampus immunohistochemistry

