

Anti-AMIGO-1, NeuroMab clone L86/36

Immunogen:

 Fusion protein amino acids 395-493 (cytoplasmic C-terminus) of mouse AMIGO-1 (also known as Amphoterin-induced protein 1, Alivin-2, Ali2, AMIGO and KIAA1163, accession number Q80ZD8)
Human: 100% identity (99/99 amino acids identical)

Rat: 100% identity (99/99 amino acids identical) <40% identity with AMIGO-2 and AMIGO-3

Monoclonal antibody info:

Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

<u>NeuroMab Applications:</u> Immunoblot, Immunocytochemistry and Immunohistochemistry

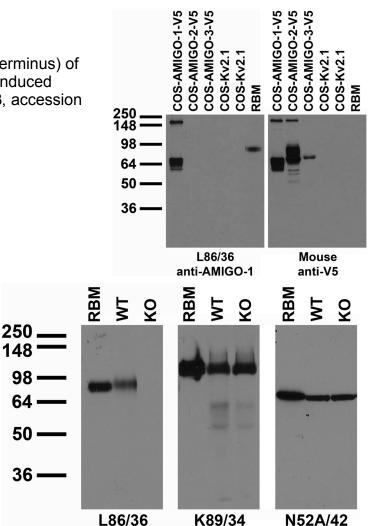
Species Reactivity: mouse, human, rat

MW: 60-80 kDa depending on maturity/glycosylation

Top: tissue and transfected cell immunoblot: extracts of rat brain membrane (RBM) and COS cells transiently transfected with V5-tagged AMIGO-1, AMIGO-2, AMIGO-3 or untagged Kv2.1 plasmid and probed with L86/36 TC supe (left) and Mouse anti-V5 (right).

Middle: immunoblot versus RBM and lysates of WT and AMIGO-1 KO mouse brains probed with L86/36 (left), K89/34 (middle) and N52A/42 (right) TC supe. Mouse brain samples courtesy of Juha Kuja-Panula (University of Helsinki, Finland).

Bottom: adult rat hippocampus immunohistochemistry



anti-AMIGO-1 anti-Kv2.1 anti-Mortalin

