UC Davis/NIH NeuroMab Facility
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Anti-AMIGO-1, NeuroMab clone L86/33

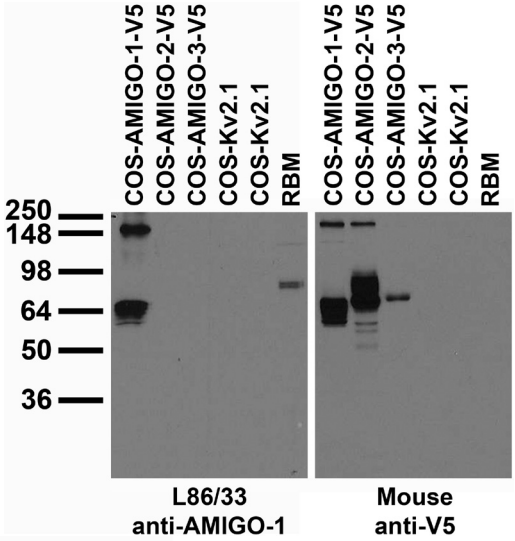
Immunogen:
Fusion protein amino acids 395-493 (cytoplasmic C-terminus) of mouse AMIGO-1 (also known as Amphoterin-induced protein 1, Alivin-2, Ali2, AMIGO and KIAA1163, accession number Q80ZD8)
Human: 100% identity (99/99 amino acids identical)
Rat: 100% identity (99/99 amino acids identical)
<40% identity with AMIGO-2 and AMIGO-3

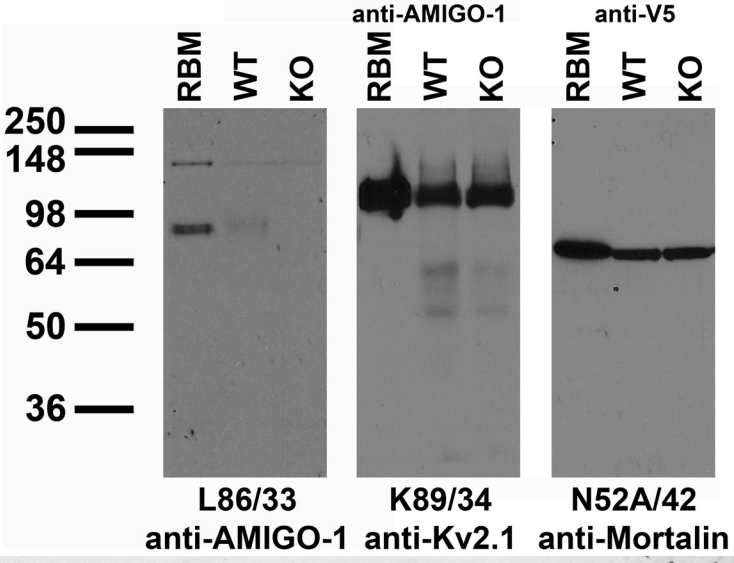
Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG2a

NeuroMab Applications:
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 L86/33 TC supe (left) and Mouse anti-V5 (right).

Middle: immunoblot versus RBM and lysates of WT and AMIGO-1 KO mouse brains probed with L86/33 (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