

Product datasheet for 75-329

AMIGO1 Mouse Monoclonal Antibody [Clone ID: L86A/37]

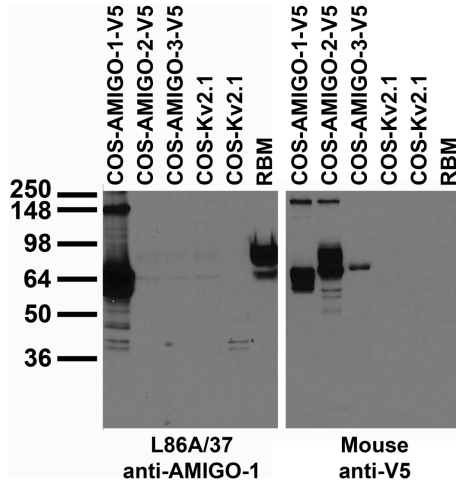
Product data:

Product Type:	Primary Antibodies
Clone Name:	L86A/37
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 395-493 (cytoplasmic C-terminus) of human AMIGO-1 (also known as Amphoterin-induced protein 1, Alivin-2, Ali2, AMIGO and KIAA1163, accession number Q86WK6). Rat: 100% identity (99/99 amino acids identical) Mouse: 100% identity (99/99 amino acids identical) <40% identity with AMIGO-2 and AMIGO-3
Formulation:	State: Purified
Gene Name:	adhesion molecule with Ig-like domain 1
Database Link:	Entrez Gene 57463 Human
Synonyms:	AMIGO-1, Alivin-2, Amphoterin-induced protein 1, AMIGO, KIAA1163
Note:	USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. View Research License Agreement

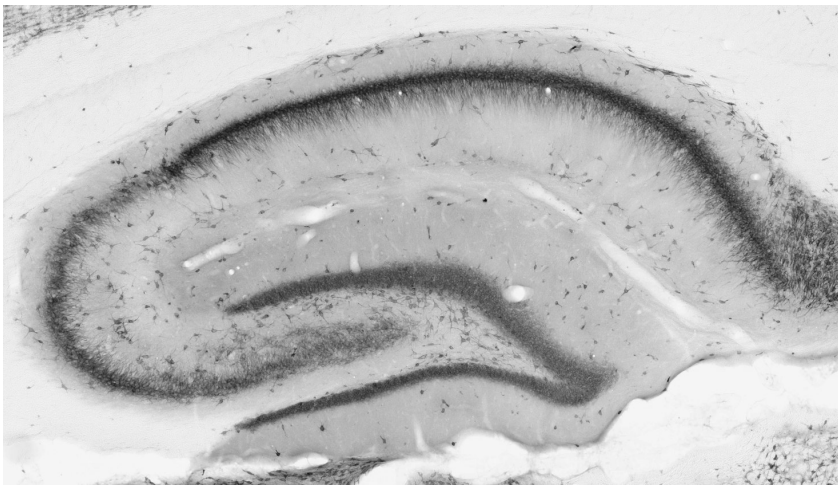


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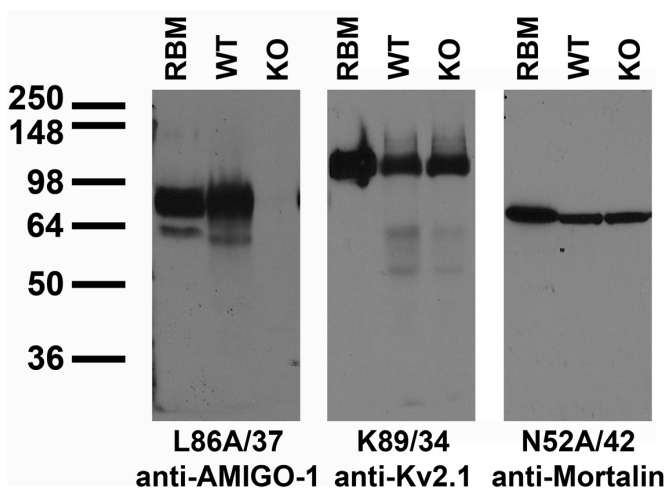
Product images:



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 L86A/37 TC supe (left) and Mouse anti-V5 (right).



Adult rat hippocampus immunohistochemistry



immunoblot versus crude membranes from adult rat brain (RBM) and lysates of WT and AMIGO-1 KO mouse brains probed with L86A/37 (left), K89/34 (middle) and N52A/42 (right) TC supe. Mouse brain samples courtesy of Juha Kuja-Panula (University of Helsinki, Finland).