

Product datasheet for 75-265

Syt7 Mouse Monoclonal Antibody [Clone ID: N275/14]

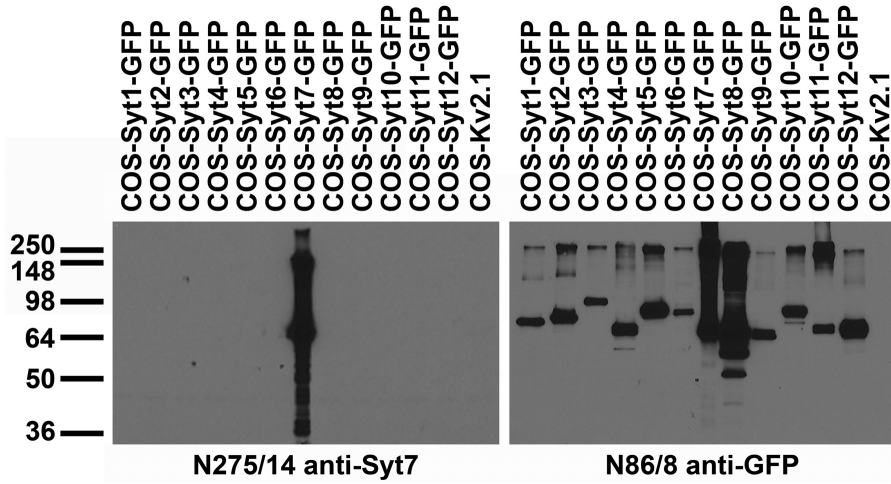
Product data:

Product Type:	Primary Antibodies
Clone Name:	N275/14
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 150-239 (cytoplasmic C2A domain) of mouse Synaptotagmin-7 (also known as Syt7, Synaptotagmin VII and SytVII, accession number Q9R0N7). Rat: 98% identity (89/90 amino acids identical). Human: 97% identity (88/90 amino acids identical). >50% identity with Synaptotagmin-6 (and other Synaptotagmins).
Specificity:	Does not cross-react with Synaptotagmin-6 (or other Synaptotagmins)
Formulation:	State: Purified
Gene Name:	synaptotagmin VII
Database Link:	Entrez Gene 54525 Mouse
Synonyms:	Synaptotagmin 7, SYT7, SYT-7, Synaptotagmin VII, SytVII, IPCA-7, PCANAP7
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

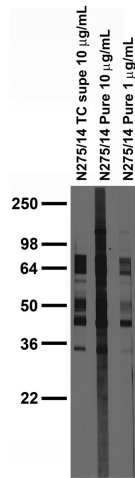


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Product images:



Transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged Synaptotagmin or untagged Kv2.1 plasmids and probed with N275/14 (left) and N86/8 (right).



Adult rat brain membrane immunoblot