

Product datasheet for 75-136

GABA A Receptor alpha 1 (GABRA1) Mouse Monoclonal Antibody [Clone ID: N95/35]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N95/35
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB). Immunohistochemistry (IHC). Immunocytochemistry (ICC).
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 355-394 (cytoplasmic loop) of human GABA-A-RAlpha1 (also known as Gamma-aminobutyric acid receptor subunit alpha-1, accession number P14867). Mouse: 100% identity (40/40 amino acids identical). Rat: 100% identity (40/40 amino acids identical). <50% identity with GABA-A-R-Alpha2.
Specificity:	No cross-reactivity against GABA-A-R-Alpha2
Formulation:	State: Purified
Gene Name:	gamma-aminobutyric acid type A receptor alpha1 subunit
Database Link:	Entrez Gene 2554 Human
Synonyms:	GABRA-1, GABA A receptor subunit alpha-1
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

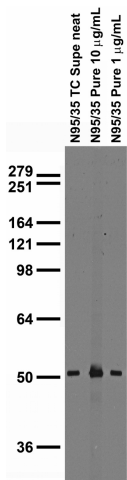


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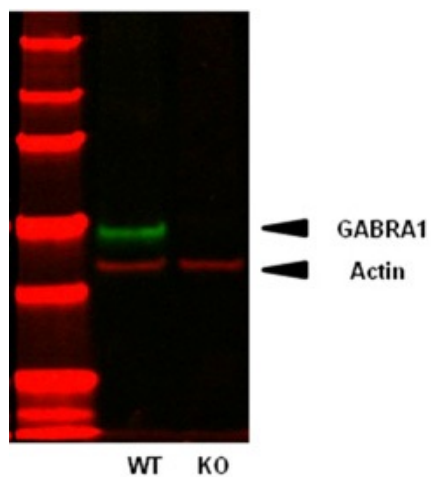
Product images:



adult rat brain immunohistochemistry (with antigen retrieval via pepsin pretreatment)



adult rat brain membrane immunoblot



immunoblot of adult mouse membranes from wild-type (WT) and GABA-A-R-Alpha1 knockout (KO) mice probed with N95/35 (green) and anti-actin polyclonal (red). Image courtesy of Dominique Arion, Kelly Rogers and David Lewis (University of Pittsburgh).