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Product datasheet for 73-124

GABA B Receptor 2 (GABBR2) Mouse Monoclonal Antibody [Clone ID: N81/2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N81/2
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB). Immunocytochemistry (ICC). Immunohistochemistry (IHC).
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 862-913 (cytoplasmic C-terminus) of human GABABR2 (also known as Gamma-aminobutyric acid type B receptor subunit 2, GABA-B receptor 2, Gb2, G-protein coupled receptor 51 or GPR51, accession number O75899). Mouse: 100% identity (52/52 amino acids identical). Rat: 100% identity (52/52 amino acids identical). <20% identity with GABABR1.
Specificity:	Does not cross-react with GABABR1
Formulation:	State: Supernatant
Gene Name:	gamma-aminobutyric acid type B receptor subunit 2
Database Link:	Entrez Gene 9568 Human
Synonyms:	GABBR-2, GPR51, GPRC3B, GABA-B receptor 2, GABA-B-R2, Gb2, G-protein coupled receptor 51, HG20

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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.
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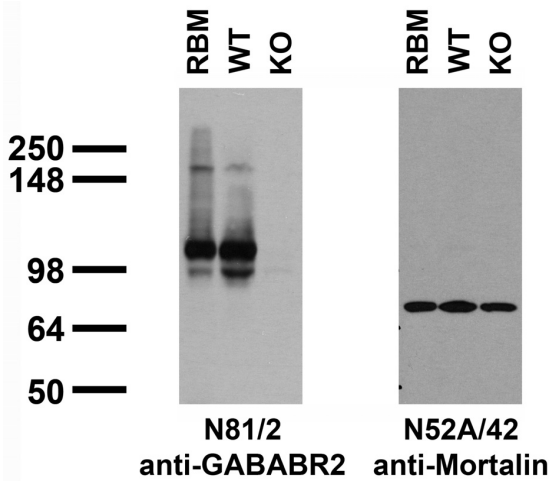
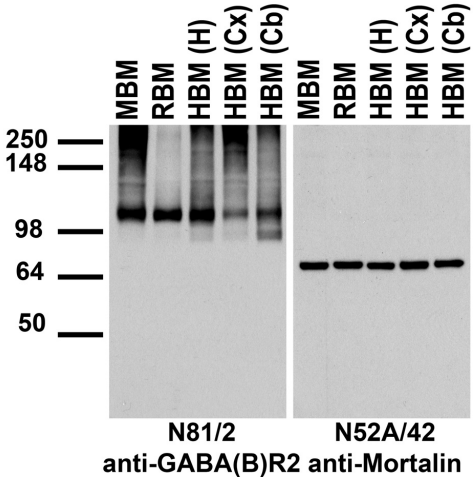
Product images:



immunoblot against adult rat brain membranes (RBM) and membranes from GABABR2 wild-type (WT) and knockout (KO) mice probed with N81/2 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Joshua Walker and Stephen Moss (Tufts)



immunoblot against crude brain membranes from adult mouse (MBM), rat (RBM) and human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with N81/2 (left) or N52A/42 (right) TC supe.