

Product datasheet for 75-362

Grik5 Mouse Monoclonal Antibody [Clone ID: N279B/27]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N279B/27
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 825-979 (cytoplasmic C-terminus) of rat KA2 kainate receptor (also known as Glutamate receptor ionotropic, kainate 5, Glutamate receptor gamma-2, GluR gamma-2, Excitatory amino acid receptor 2, Grik5, GluK5 and EAA2, accession number Q63273). Mouse: 100% identity (155/155 amino acids identical). Human: 95% identity (149/156 amino acids identical). <50% identity with KA1.
Specificity:	Does not cross-react with KA1
Formulation:	State: Purified
Gene Name:	glutamate ionotropic receptor kainate type subunit 5
Database Link:	Entrez Gene 24407 Rat
Synonyms:	Excitatory amino acid receptor 2, EAA2



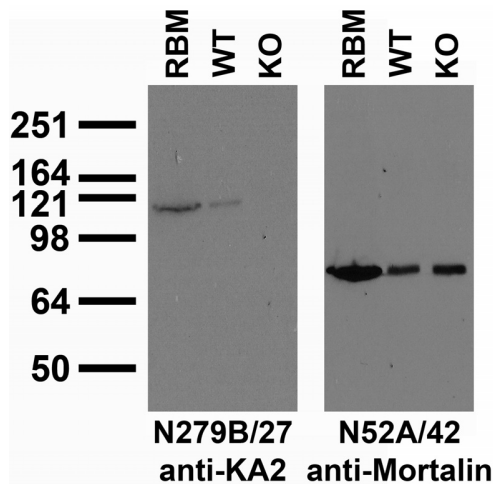
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the 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 crude brain membrane preparations from adult rat (RBM) or wild-type (WT) or KA2 knockout (KO) mice probed with N279B/27 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Anis Contractor (Northwestern University).