

## Product datasheet for 75-127

### Hspa9 Mouse Monoclonal Antibody [Clone ID: N52A/42]

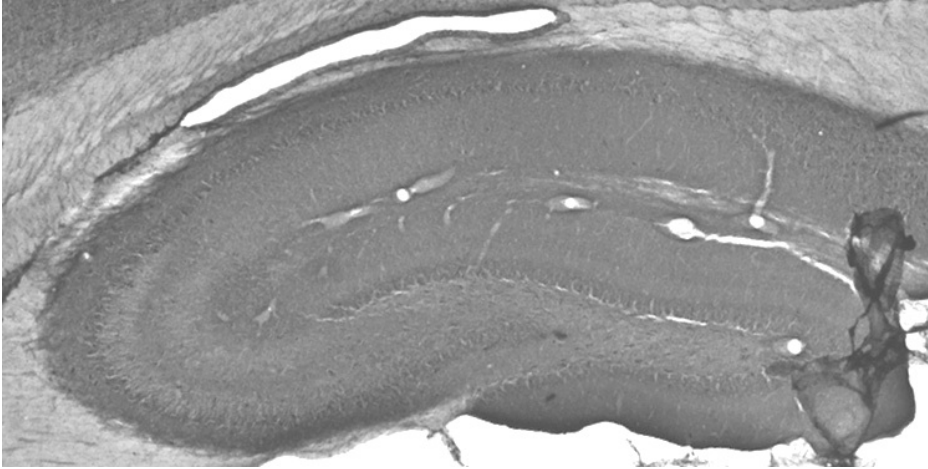
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	N52A/42
Applications:	IHC, IP, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunoprecipitation (IP)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Identified as off-target mAb in screen for anti-SALM2 NeuroMabs (immunogen was fusion protein amino acids 551-766 of mouse SALM2). Target identified as Mortalin/GRP75 by LC-MS/MS analysis of protein immunopurified from rat brain using N52A/42.
Formulation:	State: Purified
Gene Name:	heat shock protein 9
Database Link:	<a href="#">Entrez Gene 15526 Mouse</a>
Synonyms:	Heat shock 70 kDa protein 9, Peptide-binding protein 74, PBP74, MOT, HSPA9B, Stress-70 protein, Mortalin, 75 kDa glucose-regulated protein
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. <a href="#">View Research License Agreement</a>

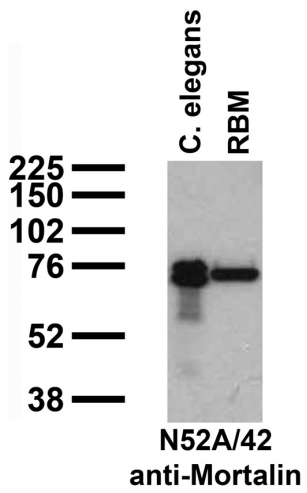


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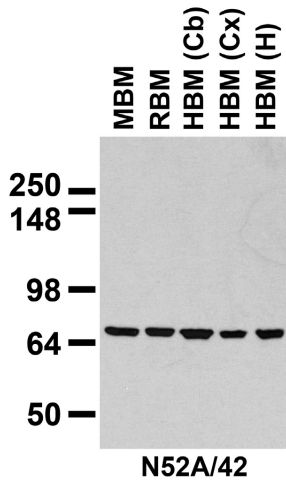
Product images:



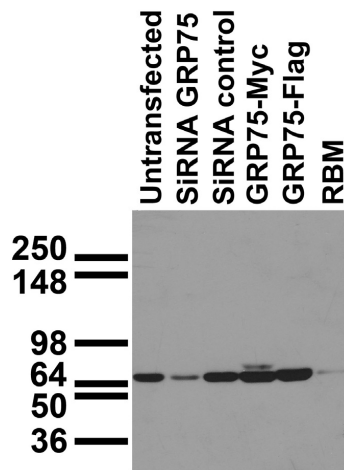
adult rat hippocampus immunohistochemistry



immunoblot against crude *C. elegans* worm extracts and crude brain membranes from adult rat (RBM) probed with N52A/42 TC supe.



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



immunoblot against HEK293 cells transfected as shown. Note that GRP75 is endogenously expressed in HEK (and COS-1) cells and that the relatively weak staining of Mortalin band in RBM compared to other blots is due to short film exposure time here. Cell samples courtesy of Dr. Gino Cortopassi, UC Davis.