

Product datasheet for 73-340

Hapln2 Mouse Monoclonal Antibody [Clone ID: N364/42]

Product data:

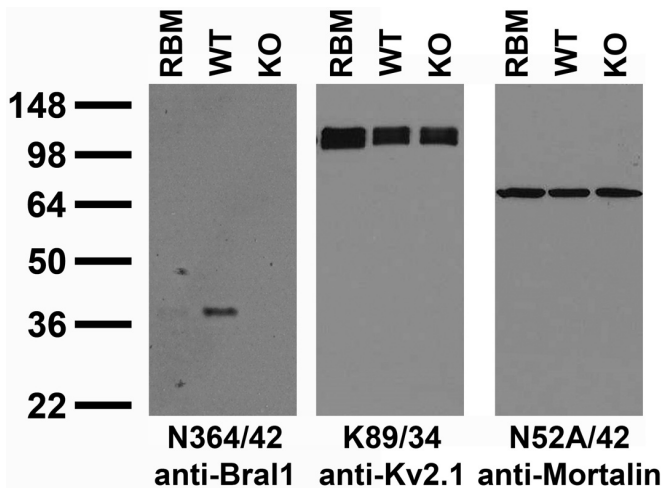
Product Type:	Primary Antibodies
Clone Name:	N364/42
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 28-341 (all but signal sequence) of mouse Bral1 (also known as Brain link protein 1, Hyaluronan and proteoglycan link protein 2, Hapln2 and HPLN2, accession number Q9ESM3). Rat: 98% identity (309/314 amino acids identical) Human: 94% identity (295/313 amino acids identical) ~50% identity with HPLN1/Crt11, HPLN3 and HPLN4/Bral2
Specificity:	Does not cross-react with other HPLN proteins (based on KO validation results)
Formulation:	State: Supernatant
Gene Name:	hyaluronan and proteoglycan link protein 2
Database Link:	Entrez Gene 73940 Mouse
Synonyms:	HAPLN2



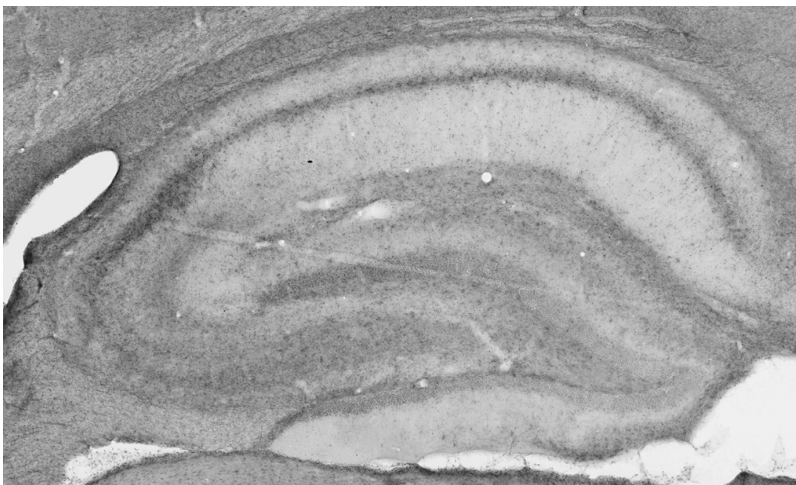
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the 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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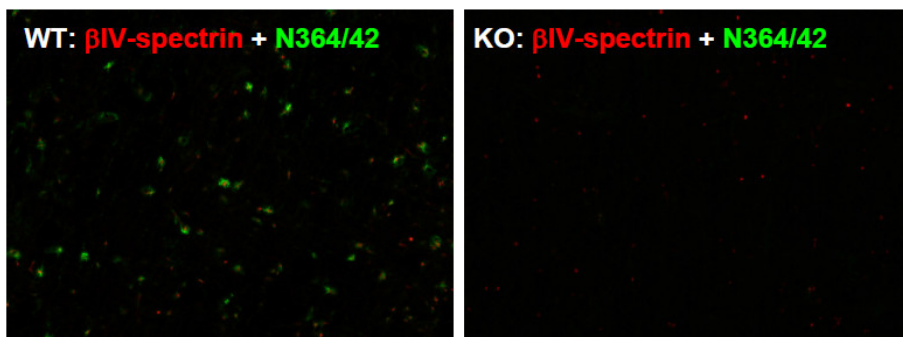
Product images:



Immunoblot versus crude membranes from adult rat brain (RBM) and wild-type (WT) and Bral1 knockout (KO) mouse brains probed with N364/42 (left), K89/34 (middle) and N52A/42 (right) TC supe. Mouse samples courtesy of Kae-Jiun Chang and Matt Rasband (Baylor College of Medicine).



Adult rat hippocampal immunohistochemistry (with antigen retrieval via sodium citrate pretreatment)



Immunofluorescence staining of adult spinal cord from Bral1 wild-type (WT) and knockout (KO) mice with N364/42 (green) and β IV-spectrin rabbit polyclonal (red). Images courtesy of Kae-Jiun Chang and Matt Rasband (Baylor College of Medicine).