

Product datasheet for 75-145

Ankyrin brain (ANK2) Mouse Monoclonal Antibody [Clone ID: N105/17]

Product data:

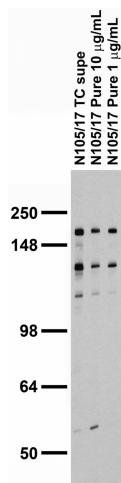
Product Type:	Primary Antibodies
Clone Name:	N105/17
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB). Immunohistochemistry (IHC). Immunocytochemistry (ICC).
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 203-496 (ankyrin repeats 6 to 14) of human Ankyrin-B (also known as Ankyrin-2, Brain ankyrin, Non-erythroid Ankyrin and ANK2, accession number Q01484). Mouse: 99% identity (292/294 amino acids identical). Rat: 98% identity (291/294 amino acids identical). ~80% identity with Ankyrin-G.
Specificity:	Does not cross-react with Ankyrin-G
Formulation:	State: Purified
Gene Name:	ankyrin 2, neuronal
Database Link:	Entrez Gene 287 Human
Synonyms:	Brain ankyrin, Ankyrin-B, ANK2



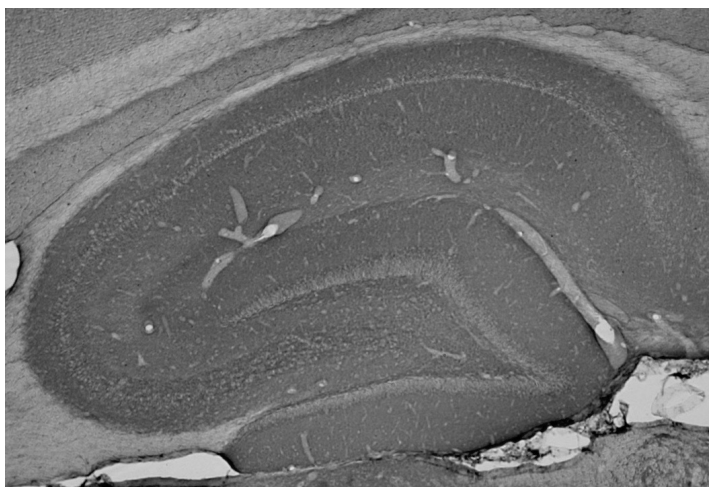
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the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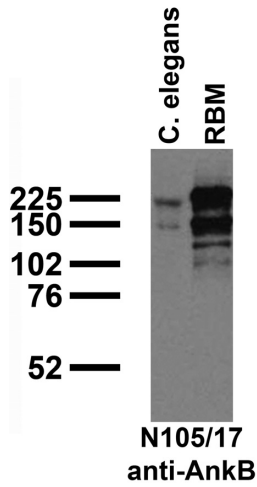
Product images:



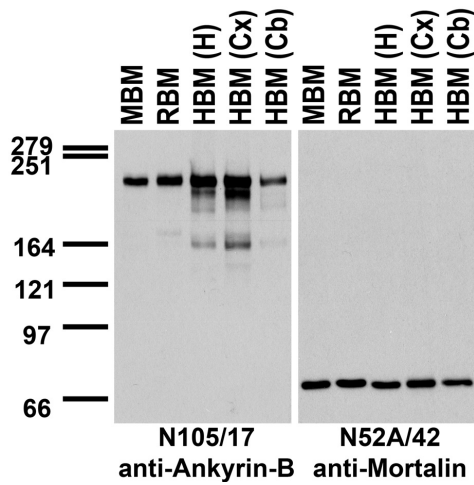
Adult rat brain membrane immunoblot



Adult rat hippocampus immunohistochemistry



immunoblot against crude C. elegans worm extracts and brain membranes from adult rat (RBM) probed with N105/17 TC supe.



immunoblot against crude membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with N105/17 TC supe.