

Anti-Navbeta2 Na⁺ Channel Antibody



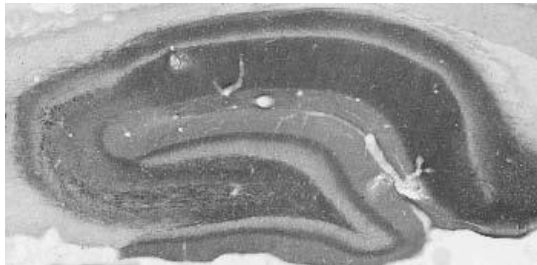
Product Details

Available Variants	100 µL (SKU:75-379)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N395/68
Gene Name	Scn2b Gm183
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 1-215 (full-length) of mouse Navbeta2 (accession number Q56A07) produced recombinantly in E. Coli
Specificity	Does not cross-react with Navbeta1, Navbeta3 or Navbeta4 (based on KO validation results)
Molecular Weight	40 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

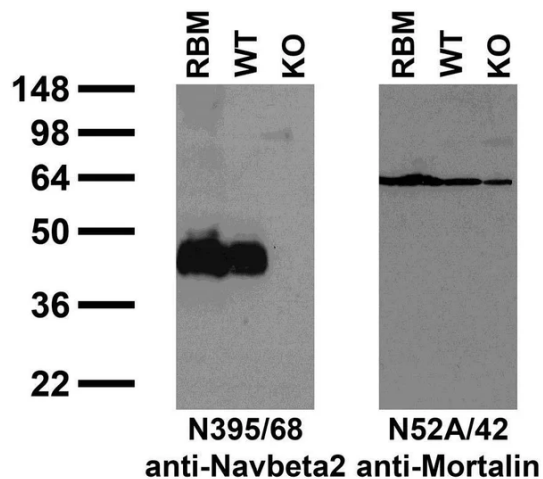
removing the cap.

Antibody Registry ID	AB_2315896
UniProt ID	Q56A07
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Adult rat hippocampus immunohistochemistry.



Immunoblot against crude membranes from adult rat brain (RBM) and wild-type (WT) and Navbeta2 knockout (KO) mouse brains probed with N395/68 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Lori Isom (University of Michigan).

Product Page URL: www.antibodiesinc.com/products/anti-navbeta2-na-channel-antibody-n395-68-75-379

