

Anti-Ankyrin-R Antibody

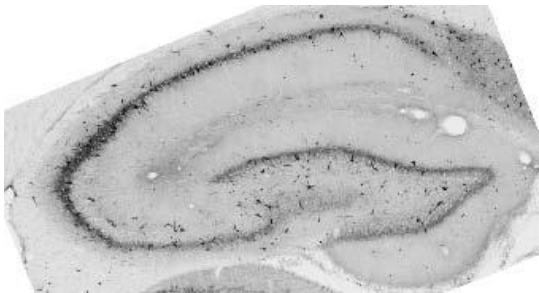


Product Details

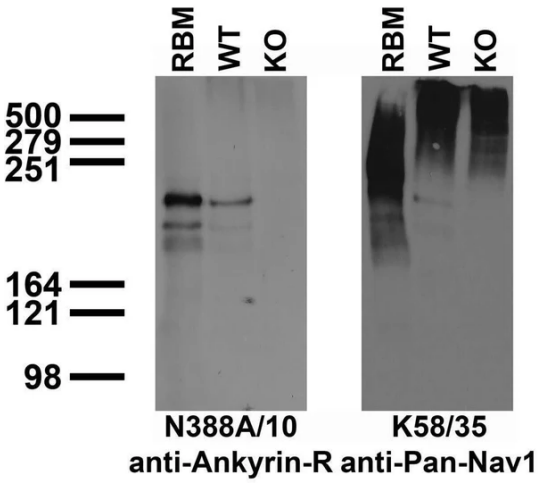
Available Variants	100 µL (SKU:75-380)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N388A/10
Gene Name	ANK1 ANK
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	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	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-1881 (full-length) of human Ankyrin-R (accession number P16157) produced recombinantly in E. Coli
Specificity	Does not cross-react with Ankyrin-B or Ankyrin-G
Molecular Weight	200 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 $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2491109
UniProt ID	<u>P16157</u>
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 Ankyrin-R knockout (KO) mouse brains probed with N388A/10 (left) and K58/35 (right) TC supe. Mouse brains courtesy of Matthew Rasband (Baylor College of Medicine).



Created on 26. July 2026 | All information without guarantee