

Anti-Ankyrin-G (Staining) Antibody

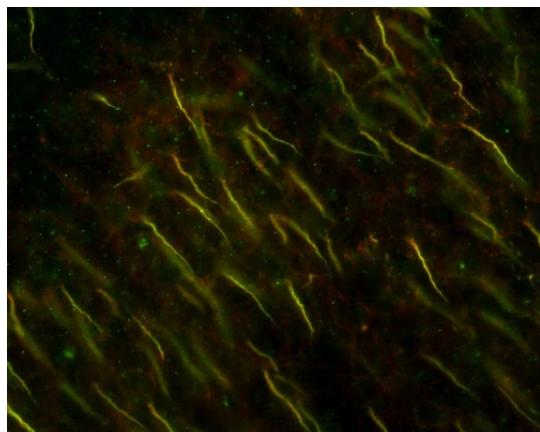


Product Details

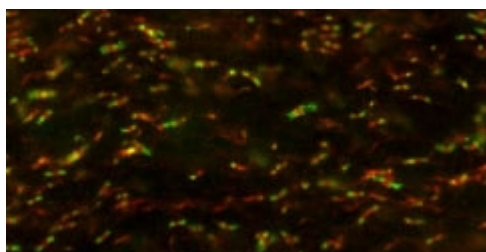
Available Variants	100 µL (SKU:75-146) 20 µL (SKU:75-146-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N106/36
Gene Name	ANK3
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.72
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, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Feline, Hamster, Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein ~1000 amino acids of Ankyrin-G (accession number E9PE32) produced recombinantly in E. Coli
Specificity	Does not cross-react with Ankyrin-B
Molecular Weight	<200 kDa

Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
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_10673030
UniProt ID	<u>E9PE32</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.

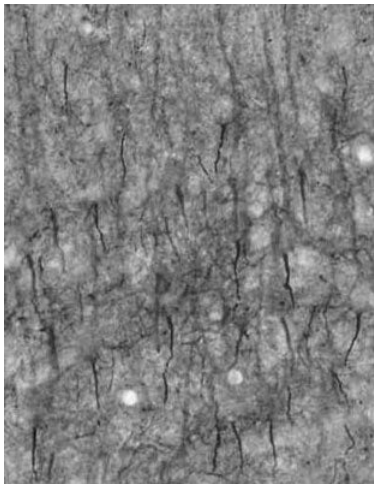
Product Images



Immunofluorescence staining of axon initial segments in adult rat cortex with N106/36 (red) and bIV- spectrin rabbit polyclonal (green). Image courtesy of Matt Rasband (Baylor College of Medicine).



Immunofluorescence staining of nodes of Ranvier in adult rat optic nerve with N106/36 (red) and Caspr rabbit polyclonal (green). Image courtesy of Matt Rasband (Baylor College of Medicine).



Adult rat cortex immunohistochemistry of axon initial segments.

Product Page URL: www.antibodiesinc.com/products/anti-ankyrin-g-staining-antibody-n106-36-75-146



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