

Anti-Adenylate Cyclase III Antibody



Product Details

Available Variants	100 µL (SKU:85-AC3) 25 µL (SKU:85-AC3t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ADCY3
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 50% glycerol and 5 mm NaN ₃
Production Notes	Affinity purified rabbit serum.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:2000 WB Brain: 1:2000 IHC: 1:10,000 ICC: 1:500-1:10,000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region of rat adenylate cyclase III, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~160 kDa adenylate cyclase III protein.
Molecular Weight	160, 200 kDa
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

Antibody Registry ID AB_2492029

UniProt ID [P21932](#)

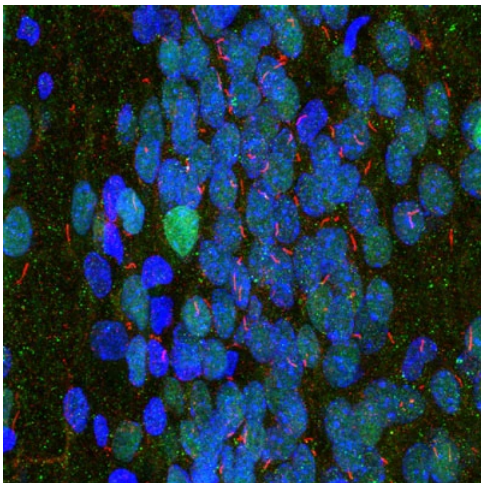
Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

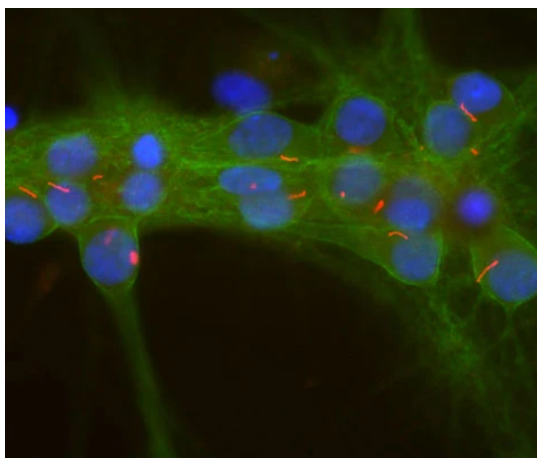
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NCBI Gene ID 64508

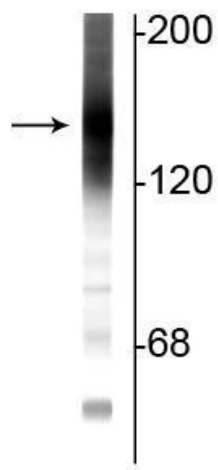
Product Images



Immunofluorescence of a section of rat hippocampus selectively labeling the neuronal cilia with anti-adenylate cyclase III (Cat. 85-AC3, 1:10,000, red), labeling nuclei with anti-MECP2 (Cat. 1205-MeCP2, 1:1000, green), and Hoechst staining of nuclear DNA.



Immunostaining of cultured rat neurons and glia showing strong staining of neuronal cilia using our anti-adenylate cyclase III antibody (Cat. 85-AC3, 1:500, red) and axonal and dendritic staining of alpha II spectrin (Cat. 98-A2SM, 1:500, green) revealing the submembranous cytoskeleton and DNA (blue).



Western blot of rat cortical lysate showing specific immunolabeling of the ~160 kDa adenylate cyclase III protein.

Product Page URL: www.antibodiesinc.com/products/anti-adenylate-cyclase-iii-antibody-85-ac3



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