

Anti-CNGA1 and CNGA3 Antibody



Product Details

Available Variants	100 µL (SKU:75-107)
Conjugate	Unconjugated
Isotype	IgG1
Clone	L36/12
Gene Name	Cnga3 Cng3
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 7.35
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
Dilution Ranges	IHC: 1:1000
Species Reactivity	Human, Mouse, Rat, Zebrafish
Immunogen	Fusion protein amino acids 535-637 (cytoplasmic C-terminus) of goldfish CNG (accession number AAO16601) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	80 kDa (size will vary depending on species and isoform)
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein 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_10672375
UniProt ID	<u>AAO16601</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

kDa

250

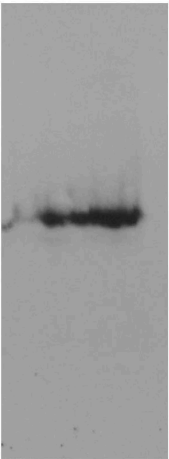
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100

75

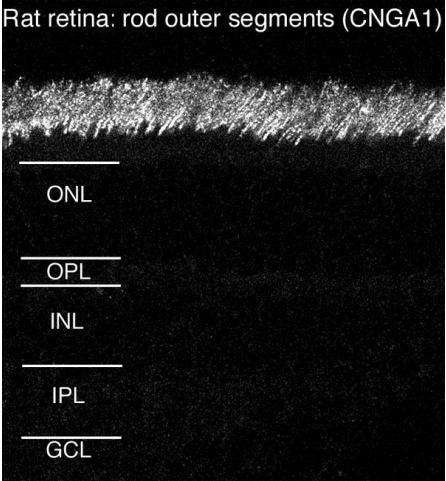
50

25

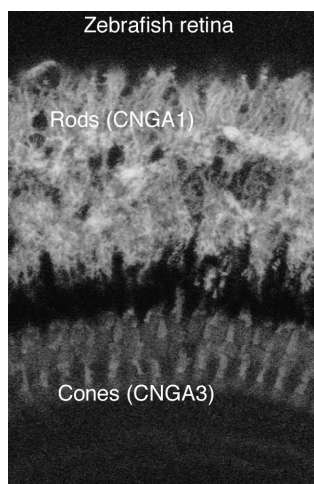


Crude lysate of 7-day old zebrafish larvae immunoblot.

Rat retina: rod outer segments (CNGA1)



Isolated goldfish cone immunohistochemistry. Data courtesy of Diane Henry-Vanisko and Gary Matthews.



Zebrafish retina immunohistochemistry. Data courtesy of Diane Henry-Vanisko and Gary Matthews.

Product Page URL: www.antibodiesinc.com/products/anti-cnga1-and-cnga3-antibody-l36-12-75-107



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