

## UC Davis/NIH NeuroMab Facility

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## Anti-CNGA1/3 cyclic nucleotide-gated channel, NeuroMab clone L36/12

Available as TC supe (RRID:AB\_10672374) and Pure IgG (RRID:AB\_10672375)

## Immunogen:

Fusion protein amino acids 535-637 (cytoplasmic C-terminus) of goldfish CNG (also known as cGMP-gated cation channel alpha subunit, accession number AAO16601)

Zebrafish CNGA3: 46% identity (47/103 amino acids identical)

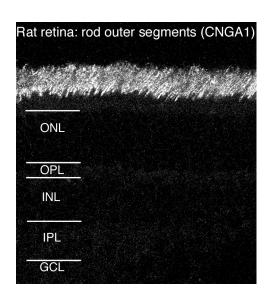
Rat CNGA3: 46% identity (47/103 amino acids identical) Mouse CNGA3: 46% identity (47/103 amino acids identical)	kDa 250 ——	
Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0	150 ——	
Mouse Ig Isotype: IgG1	100 ——	· MARKE
NeuroMab Applications: Immunoblotting, Immunocytochemistry and Immunohistochemistry.	75 ——	
Recognizes both rod and cone alpha subunits	50	
Species Reactivity: fish, rat, mouse	50 ——	

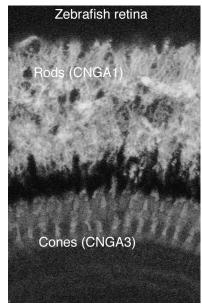
MW: 80 kDa (size will vary depending on species and isoform)

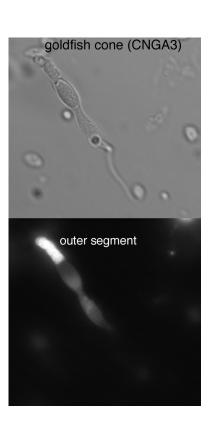
Crude lysate of 7-day old zebrafish larvae immunoblot.

Isolated goldfish cone (left), zebrafish retina (middle) and rat retina (right) immunohistochemistry. Data courtesy of Diane Henry-Vanisko and Gary

Matthews (Stony Brook).







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