



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

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)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry.

Recognizes both rod and cone alpha subunits

Species Reactivity: fish, rat, mouse

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).

