



Anti-KCNQ1 potassium channel, NeuroMab clone N37A/10

Available as TC supe (RRID: AB_10675286) & Pure IgG (RRID: AB_2131682)

Immunogen:

Fusion protein amino acids 2-101 of human KCNQ1 (Kv7.1, KvLQT1, accession number P51787)

Rat: 72% identity (71/98 amino acids identical)

Mouse: 63% identity (62/98 amino acids identical)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

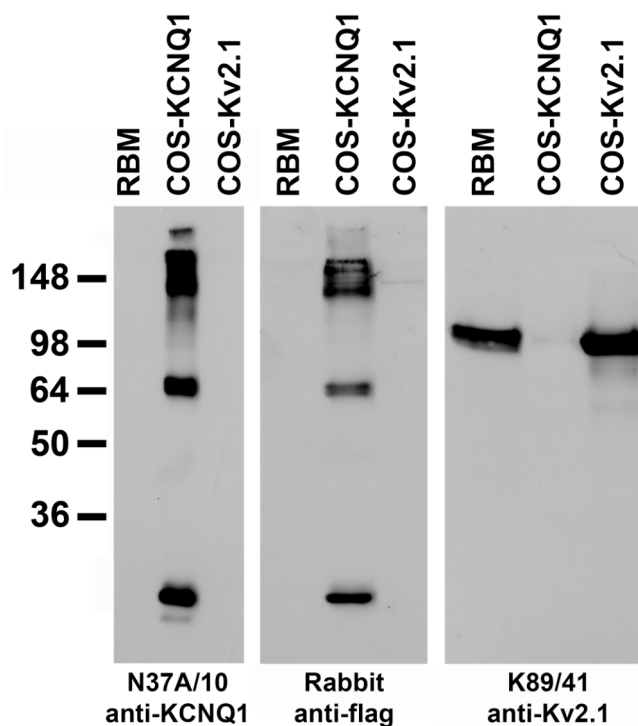
NeuroMab Applications:

Immunoblotting, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat

MW: 75 kD

Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM (left lane) and COS-1 cells transiently transfected with flag-tagged KCNQ1 (middle lane) or Kv2.1 (right lane) plasmids and probed with pure N37A/10 (left panel), rabbit anti-flag (middle panel) or K89/41 TC supe (right panel).



Transfected cell immunofluorescence: COS-1 cells expressing KCNQ1. Red = N37A/10, Blue = Hoechst nuclear stain.

