



Anti-Kirrel3 short and long, NeuroMab clone N321C/49

Available as TC supe (RRID: AB_2315856) & Pure IgG (RRID: AB_2315857)

Immunogen:

Fusion protein amino acids 46-524 (extracellular N-terminus) of rat Kirrel3 (also known as Kin of irregular chiasm-like protein 3, Kin of IRRE-like protein 3, Nephrin-like protein 2, NEPH2 and Kiaa1867, accession number Q09GS6)

Mouse: 97% identity (479/491 amino acids identical)

Human: 95% identity (470/491 amino acids identical)

100% identity between short and long isoforms

~50% identity with Kirrel1 and Kirrel2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: rat, mouse

Reacts with Kirrel3 short and long isoforms

Does not cross-react with Kirrel1 and Kirrel2

MW: 85-105 kDa (multiple isoforms)

Tissue and transfected cell immunoblot: extracts of rat brain membrane (RBM) and COS cells transiently transfected with Flag-tagged Kirrel3-short, Kirrel3-long, untagged Kirrel2, Kirrel1 or Kv2.1 plasmid and probed with N321C/49 (left) and N52A/42 (right) TC supe.

