



Anti-Ankyrin-G, NeuroMab clone N106/43

Available as TC supe (RRID: AB_2315803)

Immunogen:

Fusion protein ~1000 amino acids of Ankyrin-G (also known as ANK-3 or ankyrin-3), sequence:

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EDAMTGDTDKYLGPQDLKELGDDSLPAEGYMGFSLGARSASLRSFSSDRSYTLNRSSYARDSMMEIPELLVPSKEQHLTFTREFDSDSLRHYSWAADTL
DNVNLVSSPIHSGFLVFSFMDARGGSMRGRSRHHGMRIIIPPRKCTAPTRITCRLVKRHLKLANPPPMVEGEGLASRLVEMGPAQAQFLGPVIVEIPHFGSM
RGKERELIVLRSENGETWKEHQFDSKNEDELTELLNGMDEELDSPEELGKKRICRIITKDFPQYFAVVSRIKQESNQIGPEGGILSSTTVPLVQASFPÉGAL
KRIRVGLQAQVPDEIVKILGNKATFSPIVTVEPRRRKFHKPITMTIPVPPPSGEGVSNKYKGDTPNLRLLCSITGGTSPAQWEDITGTTPLTFIKDCVSF
TTNVSARFWLADCHQVLETVGLATQLYRELICVPYMAKVVFAKMNDPVESLRCFCMTDDKVDKTLEQQENFEEVARSKDIEVLEGGPIYVDCYGNLA
PLTKGGQQLVFNFYSFKENRPFSEIKIRDTSQEPCGRLSFLKEPKTTKGLPQTAVCNLNLITPAHKKIEKTD RRQSFASLALRKRYSYLTEPGMSPQSPCE
RTDIRMAIVADHLGLSWTELARELNFSVDEINQIRVENPNLSISQSFMLLKKWVTRDGKNATTDALTSVLTKINRIDIVTLLEGPIFDYGNISGTRSFADENNV
FHDPVDDGPPVVTAEADASLEDSKLEDSVPLTEMPAAMDVDESQLENVCLSWQNETSSGNLESCAQARRVTGGLLDRLDSDPDQCRDSITSYLKGEAGK
FEANGSHTEITPEAKTKSYFPESQNDVGKQSTKETLKPkihGSGHVEEPASPLAAYQKSLEETSKLIEETKPCVPVSMKKMSRTSPADGKPRLSLHEEEG
SSGSEQKQGEFGKVKTKKEIRHVEKKAH
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Human: 92% identity (920/994 amino acids identical, accession # E9PE32)

Mouse: 89% identity (837/936 aa identical)

Rat: 87% identity (820/935 aa identical)

<50% identity with Ankyrin-B

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

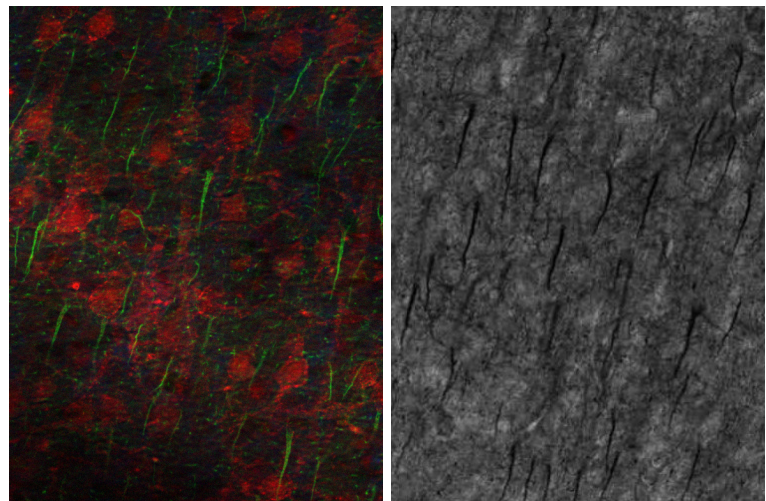
NeuroMab Applications:

Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

Does not cross-react with Ankyrin-B

Adult rat cortex immunohistochemistry (right) and immunofluorescence (left) of axon initial segments with N106/43 (green), K39/25 (red) and K14/16 (blue).



Adult rat hippocampus CA1 immunohistochemistry (right) and immunofluorescence (left) of axon initial segments with N106/43 (green), K39/25 (red) and K14/16 (blue).

