



### Anti-Ankyrin-G, NeuroMab clone N106/20

Available as TC supe (RRID: AB\_10674433) & Pure IgG (RRID: AB\_2057718)

#### Immunogen:

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

```
EDAMTGDTDKYLGPQDLKELGDDSLPAEGYMGFSLGARSASLRSFSSDRSYTLNRSSYARDSMMEIELLVPSKEQHLTFTREFDSDSLRHYSWAADTL
DNVNLVSSPIHSGFLVSFMDARGGSMRGSRRHHGMRIIPPRKCTAPTRITCRLVKRHKLANPPPMVEGEGLASRLVEMGPAGAQLGVPVIVEIPHFGSM
RGKERELIVLRSENGETWKEHQFDSKNEDL TELLNGMDEELDSPEELGKKRICRIITKDFPQYFAVVSRIKQESNQIGPEGGILSSTTVPLVQASFPÉGAL
KRIRVGLQAQPVVDEIVKILGNKATFSPIVTVEPRRRKFHKPITMTIPVPPPSGEGVSNNGYKGDTPNLRLLCSITGGTSPAQWEDITGTTPLTFIKDCVSF
TTNVSARFWLADCHQVLETVGLATQLYRELICVPYMAKVVFAKMNDPVESLRCFCMTDDKVDKTLEQQENFEEVARSKDIEVLEGKPIYVDCYGNLA
PLTKGGQQLVFNFYSFKENRPFPSIKIRDTSQEPCGRLSFLKEPKTTKGLPQTAVCNLNLITLPAHKKIEKTD RRQSFASLALRKRYSYL TEPGMSPQSPCE
RTDIRMAIVADHLGLSWTELARELNFSVDEINQIRVENPNLSISQSFMLLKKWVTRDGKNATTDALTSVLTINRIVITLLEGPIFDYGNISGTRSFADENNV
FHDPVDDGPPVTAEDASLEDSKLEDSVPLTEMPAVDVDESQLENVCLSWQNETSSGNLESQAQARRVTGGLLDRLDDSPDQCRDSITSYLKGEAGK
FEANGSHTEITPEAKTYSYFPESQNDVGKQSTKETLKP I HGS GHVEEPASPLAAYQKSLEETS KL IIEETKPCVPVSMKKMSRTSPADGKPRLSLHEEEG
SSGSEQKQGEFGFKVKTKEIRHVEKKAH
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Human: 92% identity (920/994 amino acids identical, accession # E9PE32)

Mouse: 89% identity (837/936 amino acids identical)

Rat: 87% identity (820/935 amino acids identical)

<50% identity with Ankyrin-B

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human, rat, mouse

MW: >200 kDa

Adult rat brain membrane immunoblot

