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## Anti-Ankyrin-R/G, NeuroMab clone N388A/27

Available as TC supe (RRID: AB\_2491183) & Pure IgG (RRID: AB\_2493098)

Immunogen:

Fusion protein amino acids 1-1881 (full-length) of human Ankyrin-R (also known as Ankyrin-1, Erythrocyte Ankyrin, ANK-1, ANK and rCG\_43073, accession number P16157)
Mouse: 90% identity (1678/1858 amino acids identical)
Rat: 74% identity (1329/1788 amino acids identical)

>50% identity with Ankyrin-B and Ankyrin-G

Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse lg Isotype: IgG2b

<u>NeuroMab Applications:</u> Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Ankyrin-B

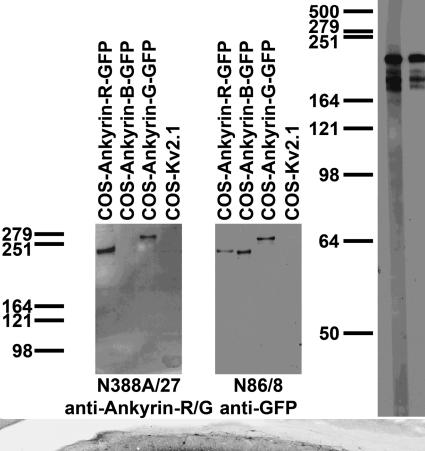
Cross-reacts with Ankyrin-G

MW: 200 kDa

Top left: immunoblot against extracts of COS cells transiently transfected with GFP-tagged Ankyrin-R, Ankyrin-B, Ankyrin-G or untagged Kv2.1 plasmid probed with N388A/27 (left) or N86/8 (right) TC supe.

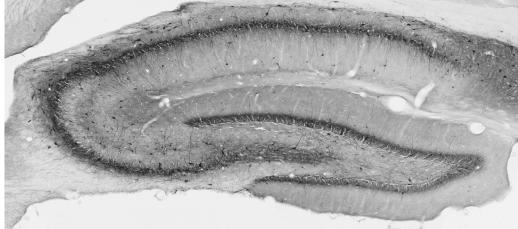
Top right: adult rat brain membrane immunoblot

Bottom: adult rat hippocampus immunohistochemistry



N38A/27 Pure 10  $\mu$ g/mL

N388A/27 TC supe



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