

Product datasheet for 73-342

Ankyrin G (ANK3) Mouse Monoclonal Antibody [Clone ID: N106/43]

Product data:

Product Primary Antibodies

Type:

Clone Name: N106/43

Applications: IF, IHC

Recommend Immunohistochemistry (IHC)

Dilution: Immunocytochemistry (ICC)

Reactivity: Human, Mouse, Rat

Host: Mouse

Isotype: IgG1

Clonality: Monoclonal

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

Specificity: Does not cross-react with Ankyrin-B

Formulation: State: Supernatant

Gene Name: ankyrin 3, node of Ranvier (ankyrin G)

Database [Entrez Gene 288 Human](#)

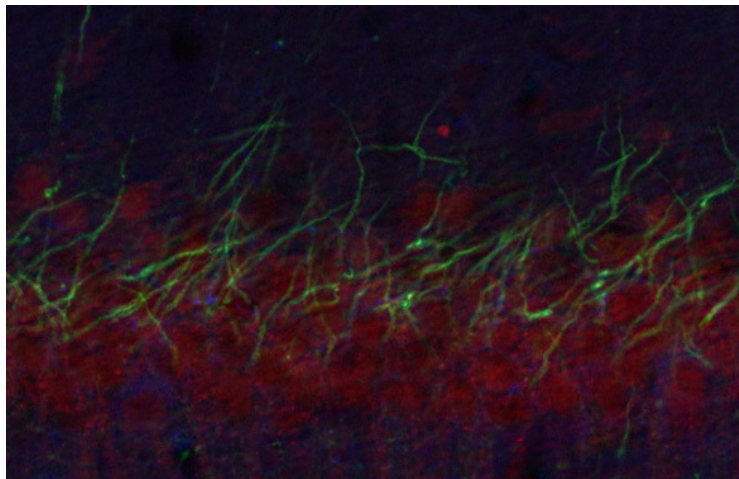
Link:

Synonyms: ANK3, ANK-3, Ankyrin G

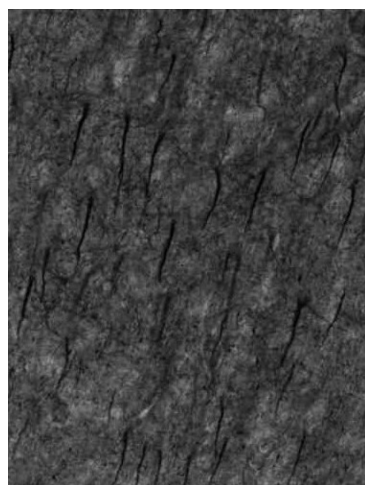
Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATE
"The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, support
Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e
[View Research License Agreement](#)



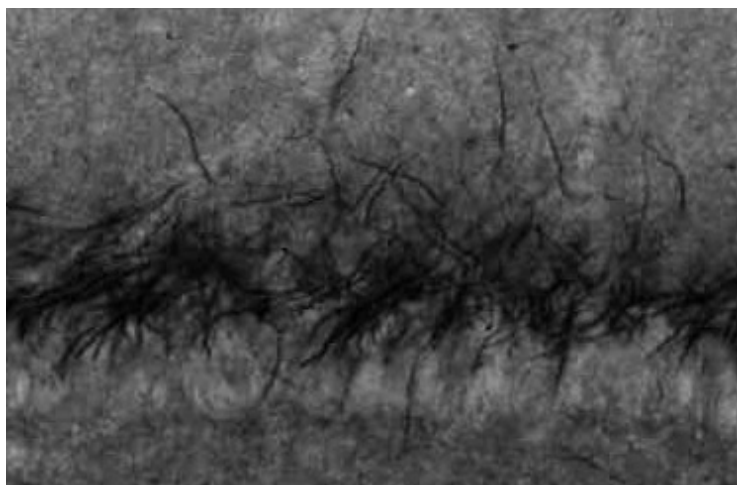
[View online »](#)

Product images:

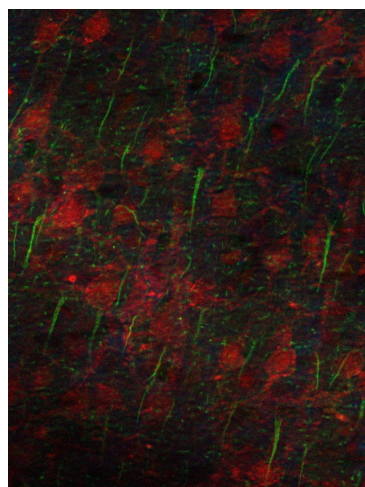
Immunofluorescence (left) of axon initial segments with N106/43 (green), K39/25 (red) and K14/16 (blue).



Adult rat cortex immunohistochemistry



Adult rat hippocampus CA1
immunohistochemistry



Immunofluorescence (left) of axon initial
segments with N106/43 (green), K39/25 (red) and
K14/16 (blue).