

Product datasheet for 73-147

Ankyrin G (ANK3) Mouse Monoclonal Antibody [Clone ID: N106/65]

Product data:

Product Primary Antibodies

Type:

Clone Name: N106/65

Applications: IF, IHC

Recommend Immunohistochemistry (IHC)

Dilution: Immunocytochemistry (ICC)

Reactivity: Human, Mouse, Rat

Host: Mouse

Isotype: IgG2b

Clonality: Monoclonal

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

EDAMTGDTDKYLGPDQLKELGDDSLPAEGYMGFSLGARSASLRSFSSDRSYTLNRSSYARDSMMEIPELLVPSKEQHLTFTREFDSD
SSGSEQKQGEQKVKTKKEIRHVEKKAH

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.

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

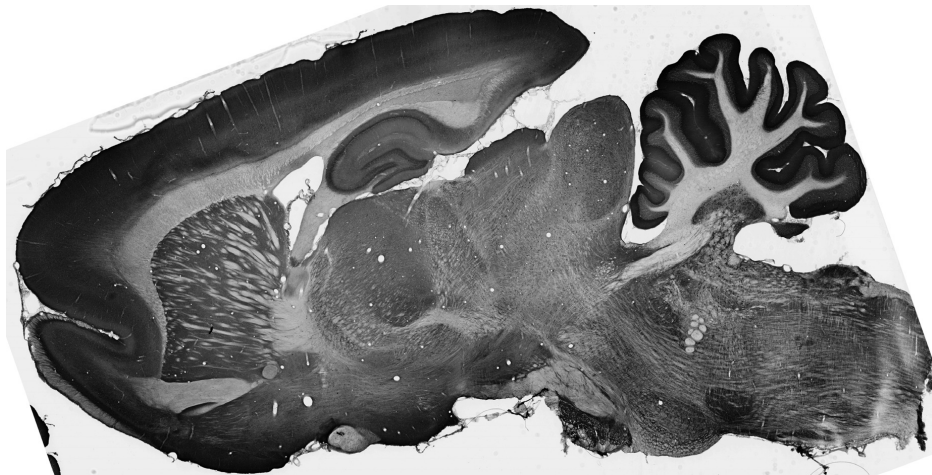
Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e

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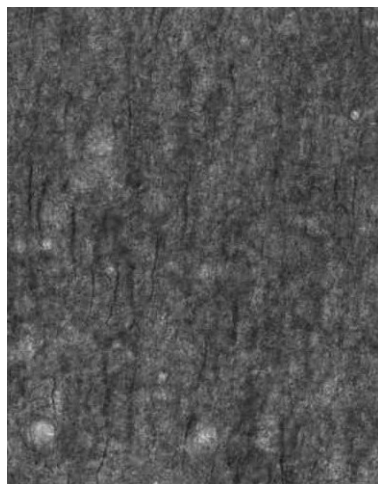


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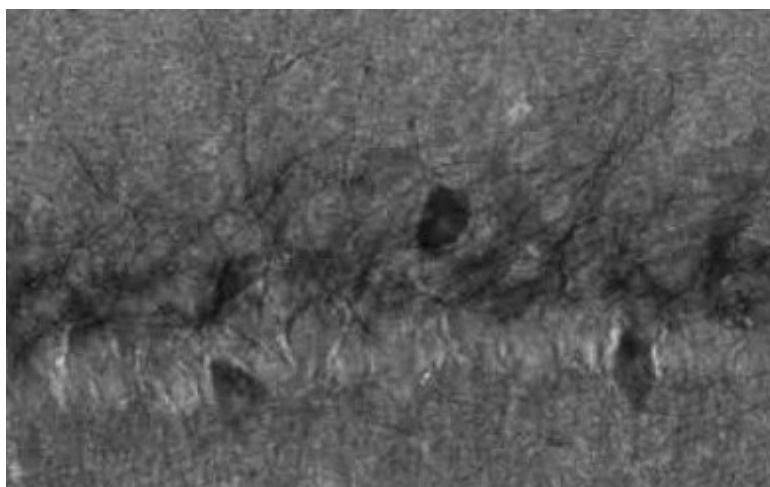
Product images:



Adult rat brain immunohistochemistry



Adult rat brain immunohistochemistry with axon initial segments in cortex



Adult rat brain immunohistochemistry with hippocampus CA1