

Anti-Ank-G (Ankirin-G)

Code Number : AnkG-Rb-Af610 (rabbit, RRID : AB_2571661)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

Storage : Store at cool temp. (2-10°C)

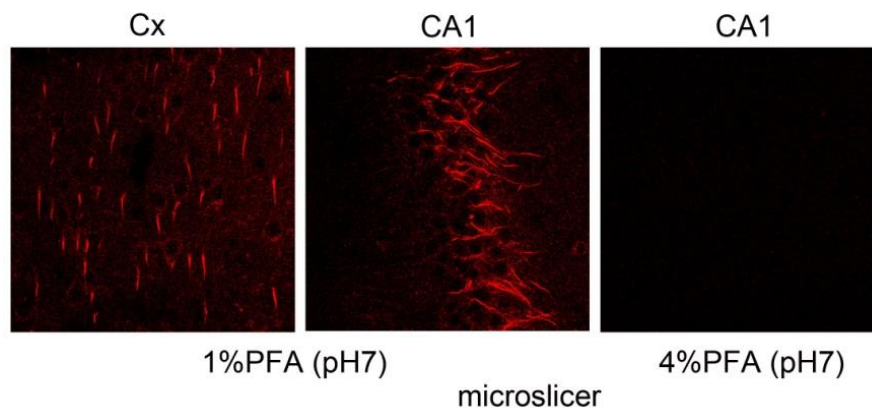
The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80 °C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit , polyclonal

Antigen : mouse, 1708-1726 aa (NP_733924)

Specificity : mouse (others not tested)

Immunoblot detects a protein band at 200 kDa in mouse, brains.



Applications : This can be used for immunohistochemistry and immunoblot.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks : This antibody stains the axon initial segment intensely. It should be noted that ordinary formalin fixation or use of paraffin sections will often hinder the access of And-G antibody to the antigens due to condensed molecular environments in the initial segment. In

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that case, it is recommended to adopt some antigen-exposing methods, such as pepsin pretreatment of sections, or to use 1-2% paraformaldehyde for mild fixation.

Reference : Iwakura A, Uchigashima M, Miyazaki T, Yamasaki M, Watanabe M: Lack of molecular-anatomical evidence for GABAergic influence upon axon initial segment of cerebellar Purkinje cells by the pinceau formation. **J. Neurosci.** 32:9438-9448.

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