

Anti-Gephyrin

Code Number : Gephyrin-Rb-Af1330 (rabbit, RRID : AB_2571705)
: Gephyrin-Rb-Af830 (rabbit, RRID : AB_2571706)

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.
(affinity-purified with antigen polypeptide)

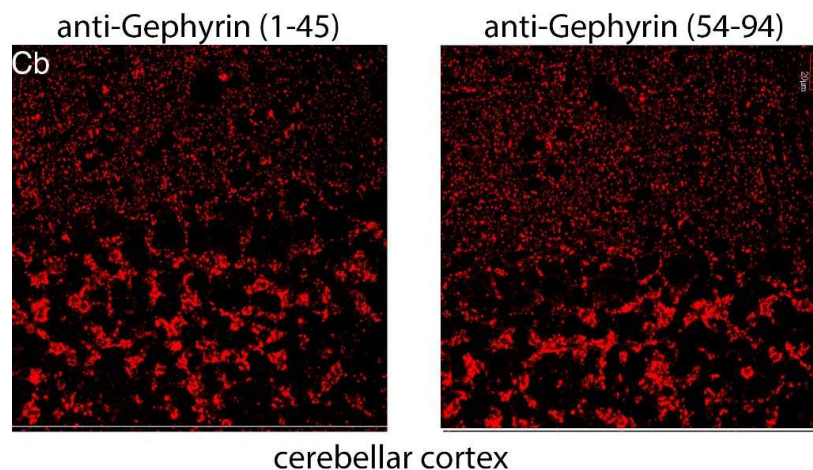
Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse, 1-45aa for Gephyrin-Rb-Af1330 & 54-94aa for Gephyrin-Rb-Af830 (NM_172952)

Specificity : mouse (others not tested)

Immunoblot detects a protein band at 80 kDa in mouse brains. This antibody selectively labels inhibitory synapses.



Applications : This can be used for immunohistochemistry and immunoblot.

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

Remarks :

Reference : 1) Ichikawa R, Yamasaki M, Miyazaki T, Konno K, Hashimoto K, Tatsumi H, Inoue Y, Kano M, Watanabe M: Developmental switching of perisomatic innervation from climbing fibers to basket cell fibers in cerebellar Purkinje cells. **J. Neurosci.** 31:16916-16927, 2011.

2) 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.