

Anti-Cbln3

(precerebellin-3)

Code Number : Cbln3-Rb-Af800 (rabbit, RRID : AB_2858205)

Size : 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)

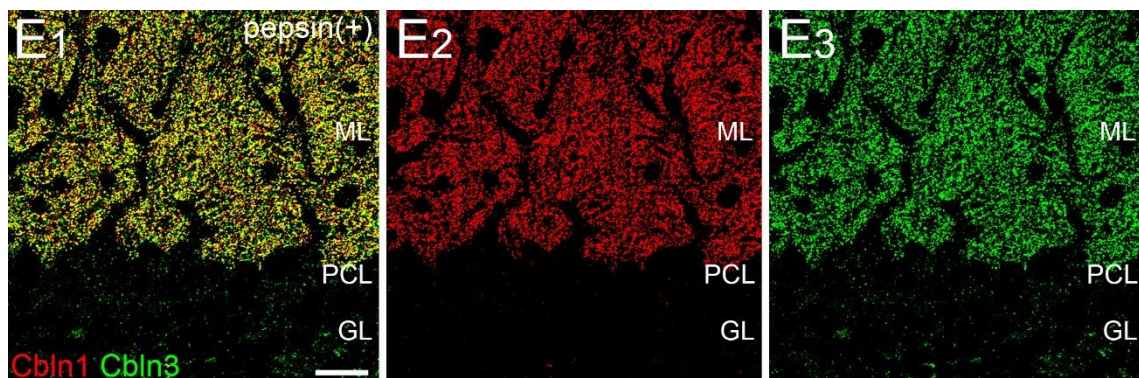
The antibody can be stored at 2-10°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse, 41-58 aa (NM019820)

Specificity : mouse (others not tested)

The specificity is confirmed by selective labeling in the cerebellar cortex, selective localization at parallel fiber-Purkinje cell synapses, and colocalization with Cbln1 (see references). No cross reactivity to other Cblns is confirmed by immunoblot using cell lysates expressing HA-tagged Cbln1-4. Due to synaptic localization, detection of synaptic Cbln3 requires antigen-exposing techniques, such as pepsin digestion of sections, glyoxal fixation, and postembedding immunogold.



Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for

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immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

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

Remarks :

Reference : 1. Iijima T, Miura E, Matsuda K, Kondo T, Kamekawa Y, Watanabe M, Yuzaki M: Characterization of a transneuronal cytokine family Cbln. regulation of secretion by heteromeric assembly. **Eur. J. Neurosci.** 25:1049-1057, 2007
2. Miura E, Matsuda K, Morgan JI, Yuzaki M, Watanabe M: Cbln1 accumulates and colocalizes with Cbln3 and GluR δ 2 at parallel fiber-Purkinje cell synapses in the mouse cerebellum. **Eur. J. Neurosci.** 29:693-706, 2009.

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