

## *Anti-mGluR1 $\beta$*

*(metabotropic glutamate receptor-1 $\beta$ )*

**Code Number** : mGluR1b-Rb-Af250 (rabbit, RRID : AB\_2616586)

**Size** : 20  $\mu$ g and 50  $\mu$ g / See label on vial  
(affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200  $\mu$ g/ml in PBS with 0.05% NaN<sub>3</sub>.

**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 mGluR1b, 899-906 aa (BC079566)

**Specificity** : mouse (others not tested)

Immunohistochemistry labels the cerebellar molecular layer of wild-type mice and mGluR1b-rescued mGluR1-knockout mice, but not the cerebellar molecular layer of mGluR1a-rescued mGluR1-knockout mice (reference 1).

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for 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) Ohtani Y, Miyata M, Hashimoto K, Tabata T, Kishimoto Y, Fukaya M, Kase D, Kassai H, Nakao K, Hirata T, Watanabe M, Kano M, Aiba A: The synaptic targeting of mGluR1 by its carboxyl-terminal domain is crucial for cerebellar function. *J Neurosci*, 34:2702-2712, 2014.