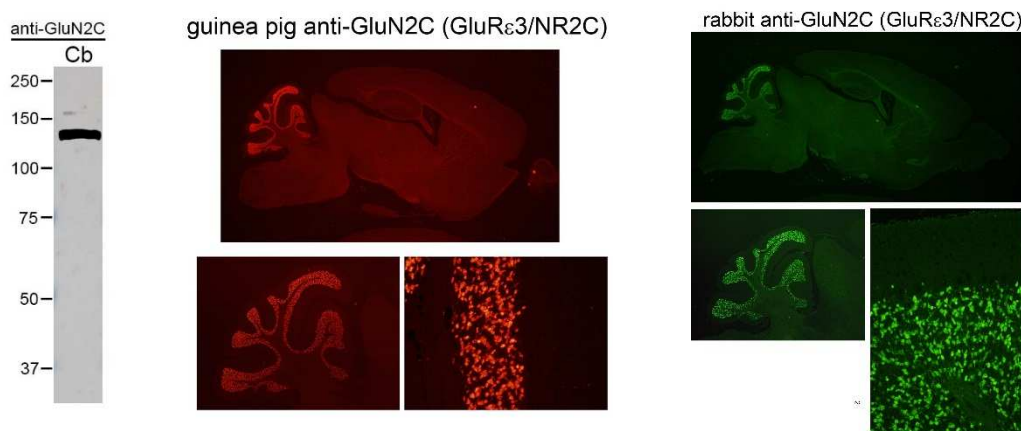


***Anti-GluN2C (GluR $\epsilon$ 3, NR2C)****(NMDA-type glutamate receptor subunit 2C)***Code Number** : GluR $\epsilon$ 3C-Rb-Af270 (rabbit, RRID : AB\_2571763)**Size** : 20  $\mu$ g and 50  $\mu$ g / See label on vial  
(affinity-purified with antigen polypeptide)**Formulation** : Liquid ; 200  $\mu$ g/ml (rabbit) and 81  $\mu$ g/ml (guinea pig) 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-hazardous. No MSDS required.**Species** : rabbit / guinea pig, polyclonal**Antigen** : mouse GluN2C, C-terminal 908-927 aa (D10694) DVSGSLDRATRTIENWGNNR**Specificity** : mouse (others not tested)

Immunoblot detects a single protein band at 140 kDa, with no cross reactivity to other iGluR subunits. Guinea pig GluN2C antibody yields intense immunohistochemical labeling than rabbit one, while rabbit GluN2C antibody yields intense immunoblot labeling than guinea pig one, See the reference for immunoblot and immunohistochemistry.

**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** : For immunohistochemistry for neuronal iGluRs, users should adopt postembedding immunogold for electron microscopic detection and protease predigestion for light microscopic detection (see the below reference).

**Reference** : Yamada, K., Fukaya, M., Shimizu, H., Sakimura, K., Watanabe, M. (2001) NMDA receptor subunits GluR $\epsilon$ 1, GluR $\epsilon$ 3, and GluR $\zeta$ 1 are enriched at the mossy fiber-granule cell synapse in the adult mouse cerebellum. *Eur. J. Neurosci.*13:2025-2036.