

Anti-Neurogranin*(NG/RC3)***Code Number** : NG-Rb-Af280 (rabbit, RRID : AB_2571811)

: NG-GP-Af350 (guinea pig, RRID : AB_2571812)

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.

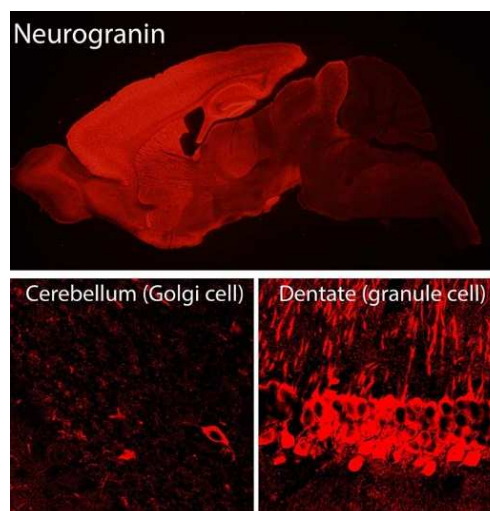
(affinity-purified with antigen polypeptide)

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-hazardous. No MSDS required.**Species** : rabbit / guinea pig, polyclonal**Antigen** : mouse Neurogranin 1-78 aa
(NM_022029)**Specificity** : mouse (others not tested)

Immunoblot with rabbit neurogranin antibody detects a single protein band at 17 kDa.

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** : Guinea pig and rabbit antibodies are similar in titer and specificity when using for immunohistochemistry. However, rabbit neurogranin antibody, but not guinea pig one, is applicable to immunoblot.

Reference : 1) Miyazaki T, Yamasaki M, Uchigashima M, Matsushima A, Watanabe M: Cellular expression and subcellular localization of Secretogranin II in the mouse hippocampus and cerebellum. **Eur. J. Neurosci.** 33:82-94, 2011.