

Anti-Glutamine synthase

Code Number : GS-Rb-Af395 (rabbit, RRID : AB_2571767)
 : GS-GP-Af280 (guinea pig, RRID : AB_2571768)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 µg/ml (rabbit) and 100 µg/ml (guinea pig) 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 GS, C-terminal 30 aa
(X16314; ANCDPYAVTEAIVRTCLLNETGDEPFQYKN)

Specificity : mouse (others not tested)

This stains selectively astrocytes and perineuronal oligodendrocytes.

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 : Rabbit and guinea pig, antibodies are similar in titer and specificity.

Reference : Takasaki C, Yamasaki M, Uchigashima M, Konno K, Yanagawa Y, Watanabe M:
Cytochemical and cytological properties of perineuronal oligodendrocytes in the mouse cortex. **Eur. J. Neurosci.** 32:1326-1336, 2010.