

Anti-BLBP (B-FABP)

(brain-type lipid binding protein)

Code Number : BLBP-Rb-Af400 (rabbit, RRID : AB_2571664)
: BLBP-GP-Af291 (guinea pig, RRID : AB_2571665)

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)

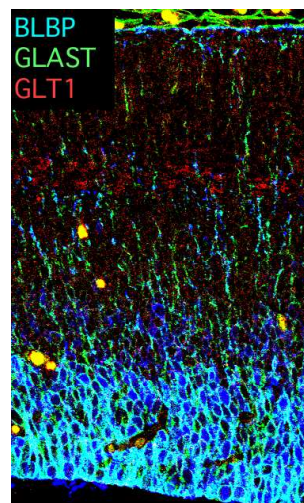
Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig , polyclonal

Antigen : rat BLBP (whole sequence)

Specificity : Mouse (others not tested)

Immunoblot detects a single protein band at 15 kDa. BLBP is specific to the radial glia/astrocyte lineage. Among the lineage markers, BLBP stains cell bodies of radial glia and astrocytes more strongly than others such as GLAST and GFAP, while it stains weakly processes of this lineage.



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 : If you have no special preference for species, this rabbit antibody is the best one to choose. This guinea pig antibody is specific, but has weak background staining on the nucleus .

Reference : Yamada, K., Fukaya, M., Shibata, T., Kurihara, H., Tanaka, K., Inoue, Y., Watanabe, M. (2000) Dynamic transformation of Bergmann glial fibers proceeds in correlation with dendritic outgrowth and synapse formation of cerebellar Purkinje cells. **J. Comp. Neurol.** 418:106-120.