Anti-GFP

(green fluorescent protein)

Code Number : GFP-Rb-Af2020 (rabbit, RRID : AB_2571573)
: GFP-Go-Af1480 (goat, RRID : AB_2571574)
: GFP-GP-Af1180 (guinea pig, RRID : AB_2571575)
: GFP/UV-Rb-Af1290 (rabbit, RRID : AB_2687981)
: GFP/UV-Go-Af1220 (goat, RRID : AB_2687982)

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

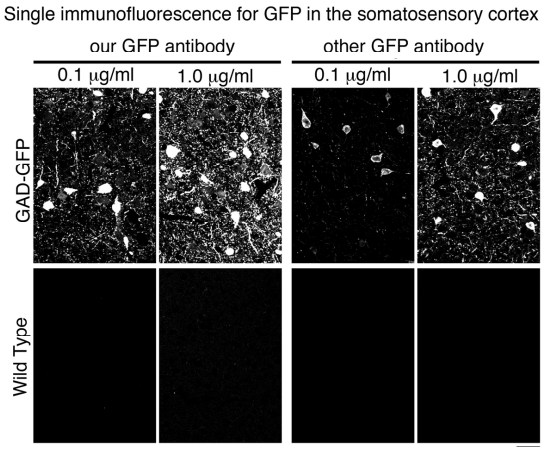
Formulation : Liquid; 200μg/ml in PBS with 0.05% NaN_3.
(affinity-purified with antigen polypeptide)

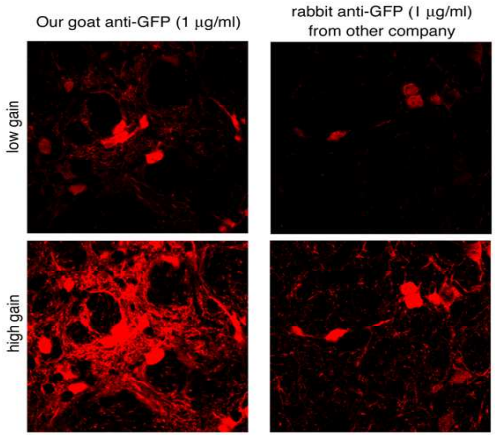
Storage : Store at 4˚C. The antibody can be stored at 4˚C. The antibody can be also aliquotted and stored at -80˚C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species : rabbit / guniea pig / and goat, polyclonal

Antigen : full sequence (YP_002302326)

Specificity : Mouse (others not tested)
This selectively stains particular types of cells in GFP-transgenic mice, but not wild-type mice.





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Applications : 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 goat GFP antibodies are very high in titer. Their application to immunohistochemistry at 0.1 ug/ml is equivalent to that at 1 ug/ml of other GFP antibodies supplied from other companies. Guinea pig antibody is also specific, but lower in titer than rabbit and goat ones. In particular, GFP/UV antibodies were raised against GFP irradiated by ultraviolet light for 1 h to optimize postembedding immunogold detection of this fluorescent protein embedded in Lowicryl HM-20 resin.

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.

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