

Anti-MAP2

(microtubule-associated protein-2)

Code Number : MAP2-Go-Af860 (goat, RRID : AB_2571793)

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

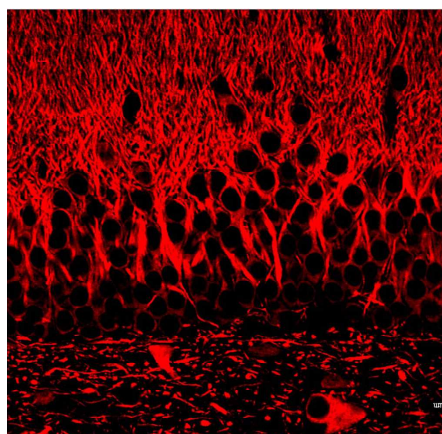
Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

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 : goat, polyclonal

Antigen : mouse MAP2, 927-1104 aa
(NM008632),

Specificity : mouse (others not tested)
This selectively stains perikarya and dendrites of various neurons.



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 :

Reference : 1) Miura, E., Fukaya, M., Sato, T., Sugihara, K., Asano, M., Yoshioka, K., Watanabe, M. (2006) Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and adult mouse brain. *J. Neurochem.* 97:1431-1446.

2) Tachikawa, M., Fukaya, M., Terasaki, T., Ohtsuki, S., Watanabe, M. (2004) Distinct cellular expressions of creatine synthetic enzyme GAMT and creatine kinases uCK-Mi and CK-B suggest novel neuron-glia relationship for brain energy homeostasis. *Eur. J. Neurosci.*

20:144-160.

3) Yoshida, T., Fukaya, M., Uchigashima, M., Kamiya, H., Kano, M., Watanabe, M. (2006)
Localization of diacylglycerol lipase- α around postsynaptic spine suggests close proximity
between production site of an endocannabinoid, 2-arachidonoyl-glycerol, and presynaptic
cannabinoid CB1 receptor. *J. Neurosci.* 26: 4740-4751.



Research & Development

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