

Anti-MOR

(μ -opioid receptor)

Code Number : MOR-Rb-Af240 (rabbit, RRID : AB_2571805)

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

Formulation : Liquid ; 200 μ g/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.

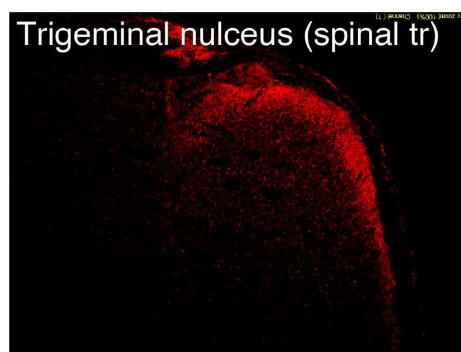
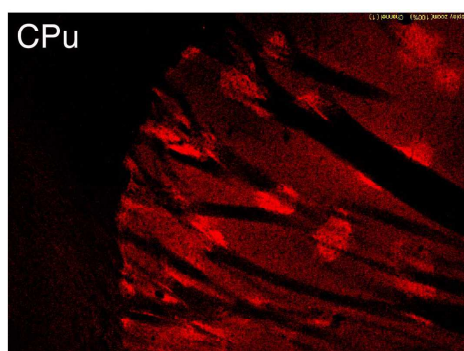
Species : rabbit, polyclonal

Antigen : mouse MOR, N-terminal 1-39aa (U26915)

Specificity : Mouse (others not tested)

This antibody stains several brain regions, such as caudate-putamen, trigeminal spinal tract nucleus, and spinal dorsal horn.

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) Kasai S, Yamamoto H, Kamegaya E, Uhl GR, Sora I, Watanabe M, Ikeda K: Quantitative detection of μ opioid receptor: Western blot analyses using μ opioid receptor knockout mice. **Curr Neuropharmacol**, 9:219-222, 2011.

2) Yamamoto H, Takamatsu Y, Imai K, Kamegaya E, Hagino Y, Watanabe M, Yamamoto T, Sora I, Koga H, Ikeda K: MOP reduction during long-term methamphetamine withdrawal was restored by chronic post-treatment with fluoxetine. **Curr Neuropharmacol**, 9:73-78, 2011.

3) Kudo T, Konno K, Uchigashima M, Yanagawa Y, Sora I, Minami M, Watanabe M: GABAergic neurons in the ventral tegmental area receive dual GABA/enkephalin-mediated inhibitory inputs from the bed nucleus of the stria terminalis. *Eur. J. Neurosci.*, 39:1796–1809, 2014