

***Anti-HCN1****(hyperpolarization-activated cyclic nucleotide-gated K<sup>+</sup> channel 1)*

Code Number : HCN1-Rb-Af1330 (rabbit, RRID : AB\_2650994)

: HCN1-GP-Af540 (guinea pig, RRID : AB\_2650995)

Size : 20 µg and 50 µg / See label on vial

(affinity-purified with antigen polypeptide)

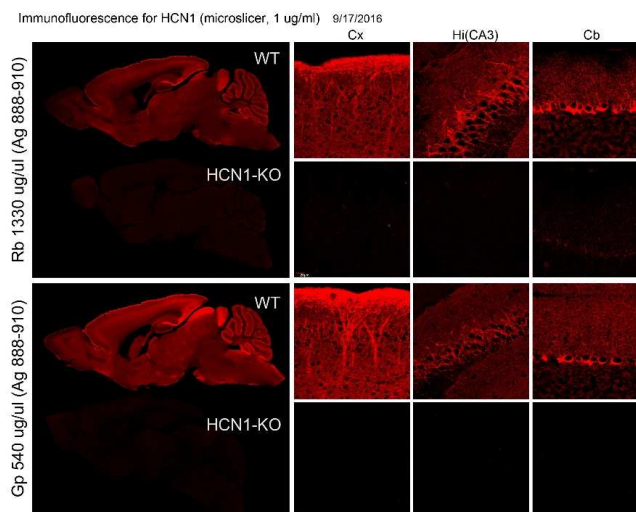
Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

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 HCN1, 888-910 aa (NP\_034538, NM\_010408)

Specificity : The specificity is confirmed by blank immunolabeling in HCN1-knockout brains.



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) Matsumoto-Makidono Y, Nakayama H, Watanabe M, Kano M, Sakimura K, Hashimoto K:  
Ionic basis for membrane potential resonance in neurons of the inferior olive. **Cell Rep** ;16:994-1004, 2016.