

## *Anti-SK2*

*(small conductance Ca-dependent potassium channel-2)*

**Code Number** : SK2-Rb-Af500 (rabbit, RRID : AB\_2571840)

: SK2-GP-Af540 (guinea pig, RRID : AB\_2571841)

**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 cool temp (2-10°C).

The antibody can be stored at 2-10°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.

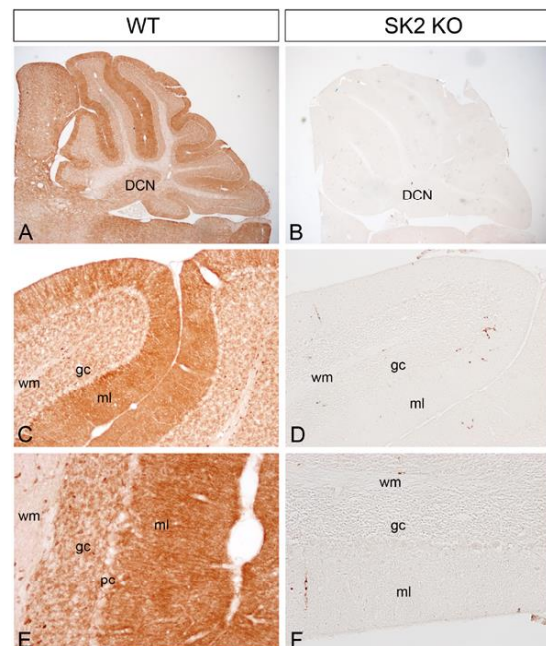
**Species** : rabbit / guinea pig, polyclonal

**Antigen** : mouse SK2, C-terminal 536-574aa,  
(NM080465),

**Specificity** : mouse (others not tested)

The lack of immunohistochemical signal in SK2-KO brain tissues.

**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** : The above pictures are provided from Dr. Rafael Lujan in Universidad de Castilla-La Mancha, Spain.

**Reference** : 1) Kakizawa, S. Kishimoto, Y., Hashimoto, K., Miyazaki, T. Furutani, K., Shimizu H,

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Fukaya M, Nishi, M., Sakagami, H., Ikeda A, Kondo, H., Kano, M., Watanabe, M., Iino, M., Takeshima, H. Junctophilin-mediated channel crosstalk essential for cerebellar synaptic plasticity. **EMBO J.** 26:1924-1933, 2007.

2) Lin MT, Lujan R, Watanabe M, Adelman JP, Maylie J: SK2 channel plasticity contributes to LTP at Shaffer collateral-CA1 synapses. **Nature Neurosci.**, 11:170-177, 2008. (see supplemental Fig. 1 for specificity in immunohistochemistry)

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