

Anti-SK2

(small conductance Ca-dependent potassium channel-2)

Product Information:

1)	Catalog #:	MSFR105520
	Item Name:	SK2 pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	SK2-Rb-Af500
	RRID :	AB_2571840
2)	Catalog #:	MSFR105530
	Item Name:	SK2 pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	SK2-Rb-Af500
	RRID :	AB_2571840
3)	Catalog #:	MSFR105540
	Item Name:	SK2 pAb (GP) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	SK2-GP-Af540
	RRID :	AB_2571841
4)	Catalog #:	MSFR105550
	Item Name:	SK2 pAb (GP) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	SK2-GP-Af540
	RRID :	AB_2571841

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

Storage : Store at cool temp (2-10°C).

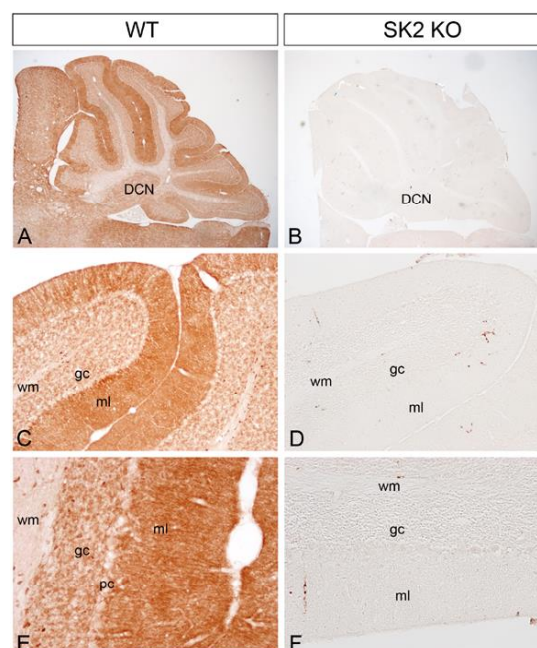
The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig, polyclonal

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

Specificity : mouse (others not tested)

The lack of immunohistochemical signal in



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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, 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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