Anti-GIRK1

(**Kir3.1** ; G-protein-coupled inward rectifier potassium channel-1)

Code Number : GIRK1-Rb-Af530 (rabbit, RRID : AB_2571710)
: GIRK1-GP-Af360 (guinea pig, RRID : AB_2571711)

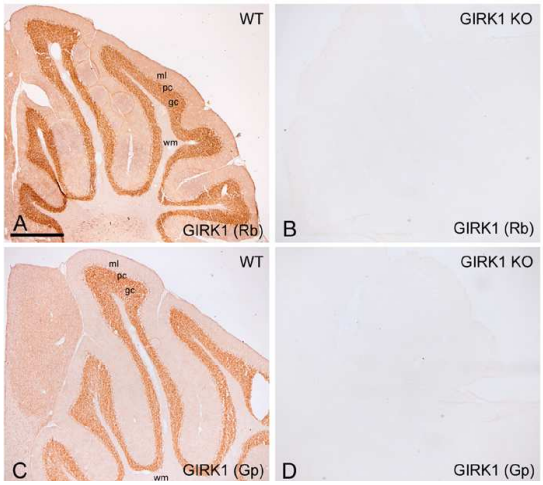
Size : 20 μg and 50 μg / See label on vial
(affinity-purified with antigen polypeptide)

Formulation : Liquid ; 200 μg/ml in PBS with 0.05% NaN_3.

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 / guinea pig, polyclonal

Antigen : mouse GIRK1 C-terminal 33 aa (469-501aa; DLPPKLQKMAGGPTRMEGNL PAKLRKMNSDRFT; D45022)



Specificity : mouse (others not tested)
Immunoblot detects ~70 kDa, ~65 kDa and ~55 kDa bands, which appeared to correspond to heavily glycosylated, core-glycosylated, and unglycosylated forms a single protein band at 44 kDa. All immunohistochemical staining disappear in GIRK1-KO cerebellum.

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 :

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Reference : 1) Aguado C, Colón J, Ciruela F, Schlaudraff F, Cabañero1 MJ, Perry C, Watanabe M, Liss B, Wickman K, Luján R. Cell type-specific subunit composition of G-protein-gated potassium channels in the cerebellum. J Neurochem. 105:497-511, 2008

2) The above pictures are provided from Dr. Rafael Lujan in Universidad de Castilla-La mancha, Spain.

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