GIRK2 antibody

Cat. No. GTX54832

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IP, IHC (Free Floating)
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 49 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.025% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	GST fusion protein with sequence ELANRAEVPLSWSVS SKLNQHAELETEEEEKNPEELTERNG, corresponding to residues 374-414 (Intracellular, C-terminal part) of mouse Kir3.2 (Accession P48542), (MW: 31 kDa.).
Purification	Depleted of anti-GST antibodies by affinity chromatography on immobilized GST and purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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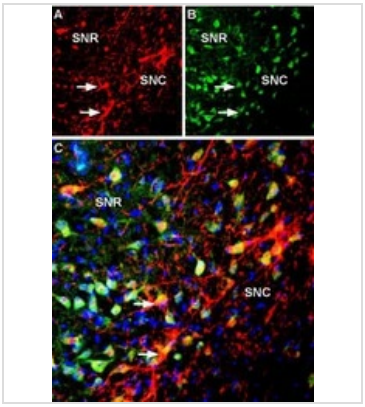
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

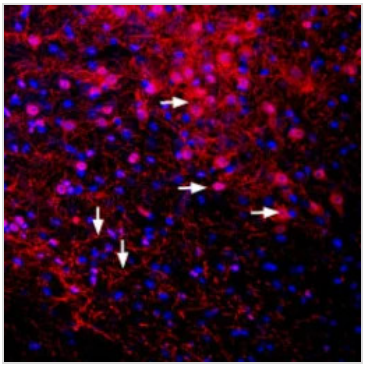
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



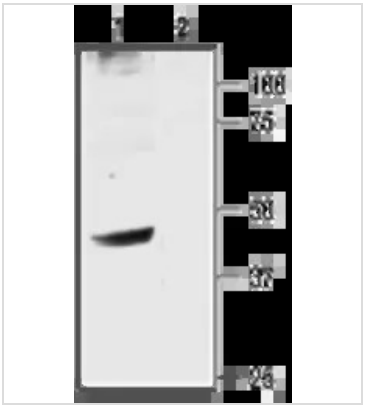
GTX54832 WB Image

IHC-Frfl (free floating) analysis of rat substantia nigra tissue using GTX54832 GIRK2 antibody. Cell nuclei are stained with DAPI (blue).
Panel A : Kir3.2 (red) appears in cells of the substantia nigra pars compacta (SNC, arrows).
Panel B : KCNK2 (green) appears in both compacta (SNC) and reticulata (SNR) portions of the substantia nigra.
Panel C : Merge of the two images reveals co-localization in some cells (arrows), mainly in the SNC region.
Dilution : 1:120



GTX54832 IHC (Free Floating) Image

IHC-Fr analysis of mouse brain tissue using GTX54832 GIRK2 antibody. GIRK2 staining (red) appears in cells and processes along the pars compacta of the mouse substantia nigra (horizontal arrows) and in the pars reticulata (vertical arrows). Cell nuclei are stained with DAPI (blue).
Dilution : 1:400



GTX54832 IHC-Fr Image

WB analysis of rat brain membrane lysate using GTX54832 GIRK2 antibody preincubated with or without immunogen peptide.
Dilution : 1:200

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