

Kir3.2 (KCNJ6) Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 50 µL |
| Species Reactivity | Mouse, Rat |
| Host/Isotype | Guinea pig / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | GST fusion protein corresponding to residues 374-414 of mouse Kir3.2 (GIRK2) |
| Form | Lyophilized |
| Concentration | 0.8 mg/mL |
| Storage conditions | -20°C |
| RRID | AB_2857208 |

| Applications | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB) | 1:400 | - |
| Immunohistochemistry (Frozen) (IHC (F)) | 1:200 | - |
| Immunocytochemistry (ICC/IF) | Assay-dependent | - |

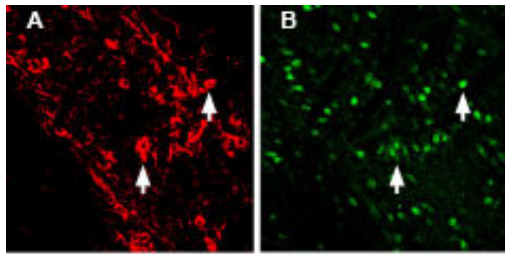
Product Specific Information

Reconstitute antibody with 50 µL of double distilled water (DDW). The reconstituted solution can be stored at 4 degrees C for up to 1 week. For longer periods, small aliquots should be stored at -20 degrees C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

GST fusion protein sequence is: ELANRAEVPL SWSVS SKLN QHAELETEEE EKNPEELTER NG

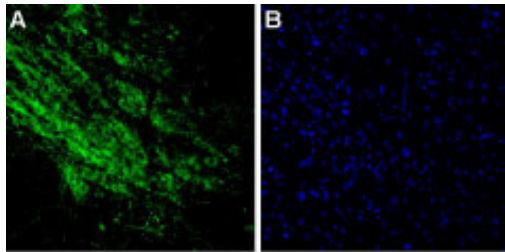
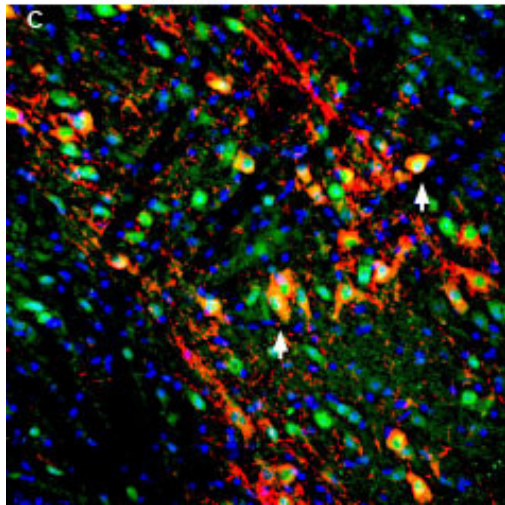
Homology: Rat - 40/41, human - 37/41 amino acid residues identical.

Product Images For Kir3.2 (KCNJ6) Polyclonal Antibody



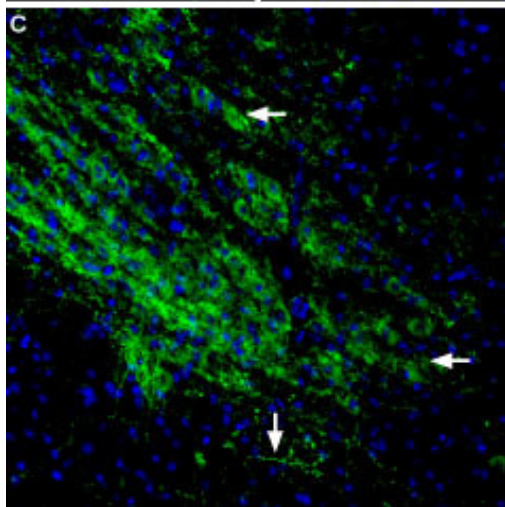
Kir3.2 (KCNJ6) Antibody (PA5-111799) in IHC (F)

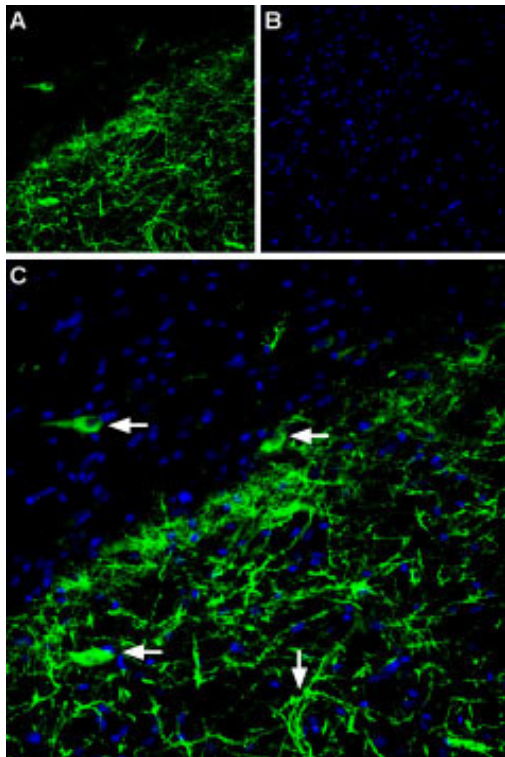
Immunohistochemistry analysis of Kir3.2 (KCNJ6) in immersion-fixed, frozen mouse substantia nigra pars compacta tissue sections using Kir3.2 (KCNJ6) Antibody (Product # PA5-111799) at a dilution of 1:200. A) Kir3.2 staining (red) appears in profiles of dopaminergic neurons (arrows). B) LRRK2 staining (green) is detected in several cell bodies in the SNC. C) Merge of the two images demonstrates colocalization in several neurons (arrows). Cell nuclei are stained with DAPI (blue).



Kir3.2 (KCNJ6) Antibody (PA5-111799) in IHC

Immunohistochemistry analysis of Kir3.2 (KCNJ6) in mouse brain tissue sections using Kir3.2 (KCNJ6) Antibody (Product # PA5-111799) at a dilution of 1:400. A) GIRK2 staining (green) appears in soma (horizontal arrows) and dendrites of dopaminergic neurons (vertical arrow). B) Nuclei staining using DAPI as the counterstain (blue). C) Merged image of panels A and B.





Kir3.2 (KCNJ6) Antibody (PA5-111799) in IHC

Immunohistochemistry analysis of Kir3.2 (KCNJ6) in rat brain tissue sections using Kir3.2 (KCNJ6) Antibody (Product # PA5-111799) at a dilution of 1:400. A) GIRK2 staining (green) appears in soma (horizontal arrows) and dendrites of dopaminergic neurons (vertical arrow). B) Nuclei staining using DAPI as the counterstain (blue). C) Merged image of panels A and B.

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