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anti-KCNJ11 antibody (Center)

3 Images

Alternative Name:



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100 μL
KCNJ11
Center
Human, Mouse, Rat, Rabbit, Cow, Pig
Rabbit
Polyclonal
This KCNJ11 antibody is un-conjugated
Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kir6.2.
Recognizes endogenous levels of Kir6.2 protein.
Rabbit polyclonal antibody to Kir6.2
The antibody was purified by immunogen affinity chromatography.
KCNJ11

Kir6.2 (KCNJ11 Products)

Target Details

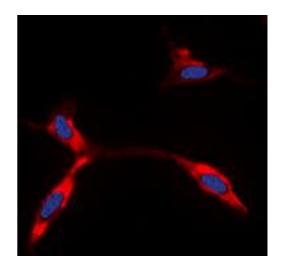
Background:	ATP-sensitive inward rectifier potassium channel 11, IKATP, Inward rectifier K(+) channel Kir6.2, Potassium channel, inwardly rectifying subfamily J member 11
Gene ID:	3767, 16514, 83535
UniProt:	Q14654, Q61743, P70673
Pathways:	Negative Regulation of Hormone Secretion

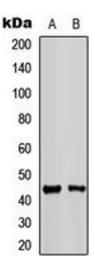
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months





Immunofluorescence

Image 1. Immunofluorescent analysis of Kir6.2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of Kir6.2 staining in human brain cortex formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of Kir6.2 expression in HeLa (A), NIH3T3 (B) whole cell lysates.