

Rabbit Kir6.2 Polyclonal Antibody | anti-KCNJ11 antibody

Anti-Kir6.2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259557	Rabbit	Human, Mouse, Rat, Bovine, Porcine, Rabbit	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

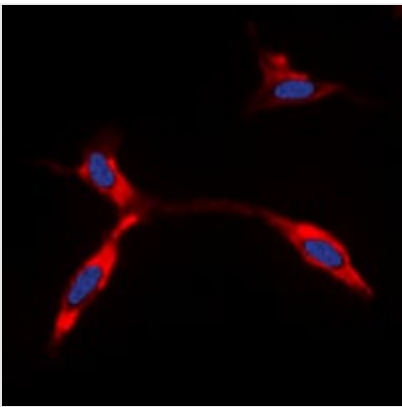
PRODUCT SYNONYMS

Kir6.2; Polyclonal Antibody; Anti-Kir6.2 Antibody; ATP-sensitive inward rectifier potassium channel 11; IKATP; Inward rectifier K(+) channel Kir6.2; Potassium channel; inwardly rectifying subfamily J member 11; anti-KCNJ11 antibody

PRODUCT SPECIFICATIONS

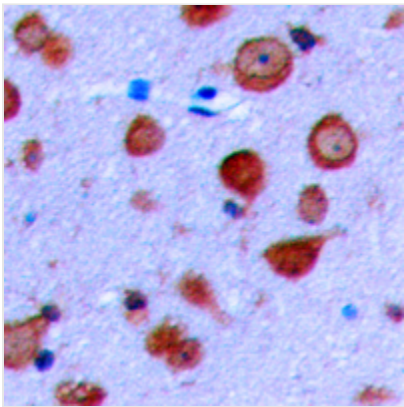
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Porcine, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Kir6.2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	303
Applicable Applications for anti-KCNJ11 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kir6.2. The exact sequence is proprietary.
Preparation and Storage	Shipping: Blue ice. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



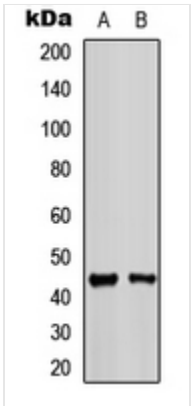
IF (Immunofluorescence)

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 humidified 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).



IHC (Immunohiostchemistry)

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 conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ11 antibody	Rabbit polyclonal antibody to Kir6.2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261399884
NCBI GeneID	3767
NCBI Accession #	NP_001159762.1
NCBI GenBank Nucleotide #	NM_001166290.1
UniProt Accession #	Q14654; Q2M1H7; Q58EX3; Q8IW96; B4DWI4; E9PNK0
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 11 isoform 2
NCBI Official Synonym Full Names	potassium channel, inwardly rectifying subfamily J, member 11
NCBI Official Symbol	KCNJ11
NCBI Official Synonym Symbols	BIR; HHF2; PHHI; IKATP; TNDM3; KIR6.2; MODY13

NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 11
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 11
UniProt Gene Name	KCNJ11
UniProt Entry Name	KCJ11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kir62-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/259557>