

Rabbit Kir6.2 Polyclonal Antibody | anti-Kir6.2 antibody

Rabbit anti-Kir6.2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223891	Rabbit	Human, Mouse, Rat, Bovine, Pig, Rabbit	Immunofluorescence, Immunohistochemistry, Western Blot

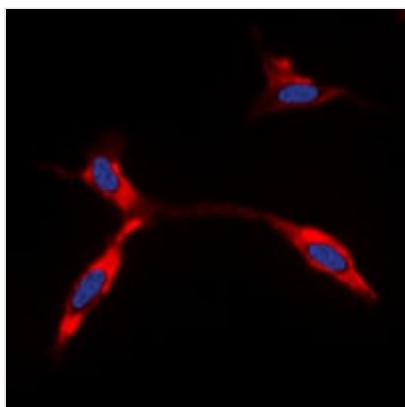
PRODUCT SYNONYMS

Kir6.2; Polyclonal Antibody; Rabbit 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-Kir6.2 antibody

PRODUCT SPECIFICATIONS

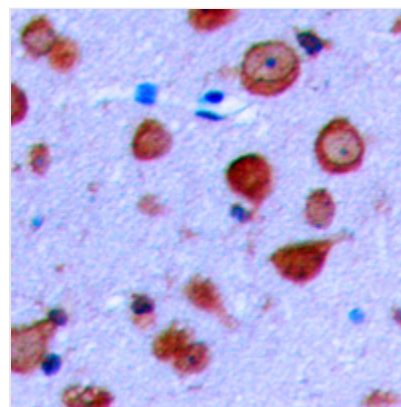
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-Kir6.2 antibody	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	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



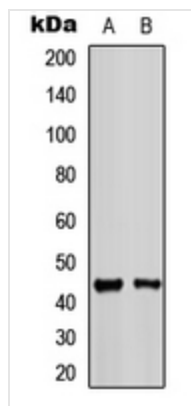
IF (Immunofluorescence)

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 (Immunohistochemistry)

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

Product Categories/Family for anti-Kir6.2 antibody

[Primary antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	261399884
NCBI GeneID	3767
NCBI Accession #	NP_001159762.1
NCBI GenBank Nucleotide #	NM_001166290.1
UniProt Accession #	Q14654 ; Q61743 ; P70673
Molecular Weight	43,541 Da
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 11 isoform 2
NCBI Official Synonym Full Names	potassium inwardly-rectifying channel, subfamily J, member 11
NCBI Official Symbol	KCNJ11
NCBI Official Synonym Symbols	BIR; HHF2; PHHI; IKATP; TNDM3; KIR6.2
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 11; beta-cell inward rectifier subunit; inward rectifier K(+) channel Kir6.2; inwardly rectifying potassium channel KIR6.2; potassium channel inwardly rectifying subfamily J member 11; potassium channel, inw
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 11
UniProt Gene Name	KCNJ11
UniProt Entry Name	IRK11_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-immunofluorescence-immunohistochemistry-western-blot-elisa/223891>