

Rabbit KCNJ2 Polyclonal Antibody | anti-KCNJ2 antibody

KCNJ2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175040	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

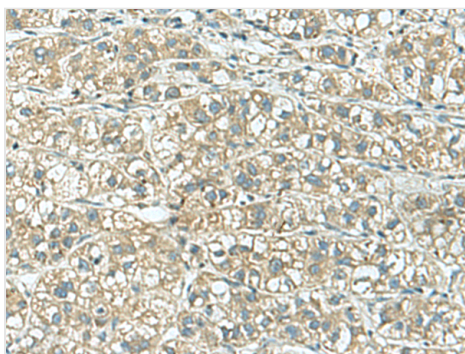
PRODUCT SYNONYMS

KCNJ2; Polyclonal Antibody; KCNJ2 Polyclonal Antibody; Cardiac inward rectifier potassium channel; HHBIRK 1; HHBIRK1; HHIRK 1; HHIRK1; HIRK 1; HIRK1; Inward rectifier K; Inward rectifier K(+) channel Kir2.1; Inward rectifier potassium channel 2; Inwardly rectifying subfamily J member 2; IRK 1; IRK-1; IRK1; IRK2; KIR2.1; LQT 7; LQT7; Potassium channel; Potassium channel inwardly rectifying subfamily J member 2; Potassium inwardly rectifying channel J2; Potassium inwardly rectifying channel subfamily J member 2; SQT 3; SQT3; anti-KCNJ2 antibody

PRODUCT SPECIFICATIONS

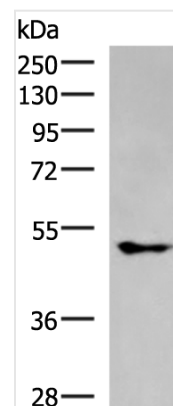
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.72mg/mL (varies by lot)
Sequence Length	427
Applicable Applications for anti-KCNJ2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human KCNJ2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KCNJ2 Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of A549 cell lysate using KCNJ2 Polyclonal Antibody at dilution of 1:550

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ2 antibody	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features.
Product Categories/Family for anti-KCNJ2 antibody	Cancer; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504835
NCBI GeneID	3759
NCBI Accession #	NP_000882.1
NCBI GenBank Nucleotide #	NP_000882.1
UniProt Accession #	P63252
Molecular Weight	48 kDa
NCBI Official Full Name	inward rectifier potassium channel 2
NCBI Official Synonym Full Names	potassium inwardly rectifying channel subfamily J member 2
NCBI Official Symbol	KCNJ2
NCBI Official Synonym Symbols	IRK1; LQT7; SQT3; ATFB9; HHIRK1; KIR2.1; HHBIRK1
NCBI Protein Information	inward rectifier potassium channel 2
UniProt Protein Name	Inward rectifier potassium channel 2
UniProt Gene Name	KCNJ2
UniProt Synonym Gene Names	IRK1; IRK-1; hIRK1
UniProt Entry Name	IRK2_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/kcnj2-antibody-immunohistochemistry-western-blot-elisa/175040>