

Rabbit anti-Human ATP-sensitive inward rectifier potassium channel 10 Polyclonal Antibody | anti-KCNJ10 antibody

Rabbit anti-human ATP-sensitive inward rectifier potassium channel 10 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119167	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

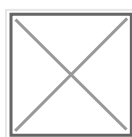
PRODUCT SYNONYMS

ATP-sensitive inward rectifier potassium channel 10; Polyclonal Antibody; Rabbit anti-human ATP-sensitive inward rectifier potassium channel 10 polyclonal Antibody; ATP-dependent inwardly rectifying potassium channel Kir4.1; Inward rectifier K(+) channel Kir1.2; Potassium channel; inwardly rectifying subfamily J member 10; KCNJ10; anti-KCNJ10 antibody

PRODUCT SPECIFICATIONS

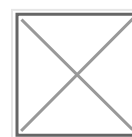
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	379
Applicable Applications for anti-KCNJ10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human ATP-sensitive inward rectifier potassium channel 10 protein(165-379aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23637
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



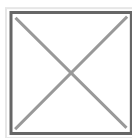
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA119167 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA119167 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human epityphlon tissue using AAA119167 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ10 antibody	May be responsible for potassium buffering action of glial cells in the brain. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by extracellular barium and cesium.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25121966
NCBI GeneID	3766
NCBI Accession #	NP_002232.2
NCBI GenBank Nucleotide #	NM_002241.4
UniProt Accession #	P78508; Q5VUT9; Q8N4I7; Q92808; A3KME7
Molecular Weight	42,508 Da
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 10
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 10
NCBI Official Symbol	KCNJ10
NCBI Official Synonym Symbols	KIR1.2; KIR4.1; SESAME; BIRK-10; KCNJ13-PEN
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 10
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 10
UniProt Gene Name	KCNJ10
UniProt Entry Name	KCJ10_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/atp-sensitive-inward-rectifier-potassium-channel-10-antibody-immunofluorescence-immunohistochemistry-elisa/119167>