

Goat KCNJ11/KATP Polyclonal Antibody | anti-KCNJ11 antibody

Goat anti-KCNJ11/KATP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61304	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

KCNJ11/KATP; Polyclonal Antibody; Goat anti-KCNJ11/KATP Antibody; Goat Anti-Kcnj11 / Kir6.2 Antibody; KCNJ11; IKATP; potassium inwardly-rectifying channel; subfamily J; member 11; BIR; HHF2; KIR6.2; MGC133230; PHHI; TNDM3; ATP-sensitive inward rectifier potassium channel 11; beta-cell inward rectifier subunit; inwardly rectifying potassium channel KIR6.2; KCNJ11 antibody; IKATP antibody; member 11 antibody; BIR antibody; HHF2 antibody; KIR6.2 antibody; MGC133230 antibody; PHHI antibody; TNDM3 antibody; ATP-sensitive inward rectifier potassium channel 11 antibody; beta-cell inward rectifier subunit antibody; inwardly rectifying potassium channel KIR6.2 antibody; potassium inwardly-rectifying channel J11 antibody; KCNJ11 / KATP /; anti-KCNJ11 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	AEDPAKPRYR ARQ
Sequence Length	390
Applicable Applications for anti-KCNJ11 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-AEDPAKPRYRARQ, from the internal region (near the N Terminus) of the protein sequence according to NP_000516.3.
Epitope	Internal region (near the N Terminus)
Note	This antibody is expected to recognise isoform 1 (NP_000516.3) only.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

3.8ug/ml staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

0.1ug/ml staining of Human Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62388888
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NCBI GeneID	3767
NCBI Accession #	NP_000516.3
NCBI GenBank Nucleotide #	NM_000525.3
Molecular Weight	33,263 Da
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 11 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel 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/kcnj11-katp-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61304>