

Rabbit Kcnj11 Polyclonal Antibody | anti-Kcnj11 antibody

Mouse Kcnj11 Antibody (N-term)

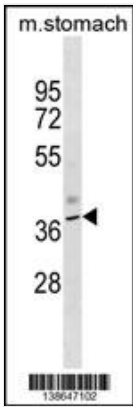
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284160	Rabbit	Human, mouse (Predicted Reactivity: Rabbit)	ELISA, Western Blot

PRODUCT SYNONYMS

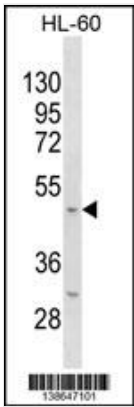
Kcnj11; Polyclonal Antibody; Mouse Kcnj11 Antibody (N-term); ATP-sensitive inward rectifier potassium channel 11; Inward rectifier K(+) channel Kir62; Potassium channel; inwardly rectifying subfamily J member 11; anti-Kcnj11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Kcnj11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-27 amino acids from the N-terminal region of mouse Kcnj11.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	1-27
Sequence Length	390
Applicable Applications for anti-Kcnj11 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Kcnj11 Antibody (N-term) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the Mouse Kcnj11 antibody detected the Mouse Kcnj11 protein (arrow).



WB (Western Blot)
Mouse Kcnj11 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the Mouse Kcnj11 antibody detected the Mouse Kcnj11 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Kcnj11 antibody	This receptor is controlled by G proteins. 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 (By similarity).
Product Categories/Family for anti-Kcnj11 antibody	Cancer; Cardiovascular; Neuroscience; Signal transduction
References	Hugill, A., et al. Diabetologia 53(11):2352-2356(2010) Li, J., et al. J. Biol. Chem. 285(37):28723-28730(2010) Marhfour, I., et al. Cell Tissue Res. 340(2):335-346(2010) Kurata, H.T., et al. PLoS Biol. 8 (2), E1000315 (2010) : Alekseev, A.E., et al. Cell Metab. 11(1):58-69(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754426
NCBI GeneID	16514
NCBI Accession #	NP_034732.1
NCBI GenBank Nucleotide #	NM_010602.3
UniProt Accession #	Q61743; Q9QX21
Molecular Weight	43562
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 11 isoform 1
NCBI Official Synonym Full Names	potassium inwardly rectifying channel, subfamily J, member 11
NCBI Official Symbol	Kcnj11
NCBI Official Synonym Symbols	mBIR; Kir6.2
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 11
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 11
UniProt Gene Name	Kcnj11

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-antibody-western-blot-elisa/284160>