

Rabbit KCNJ12 Polyclonal Antibody | anti-KCNJ12 antibody

KCNJ12 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23443	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

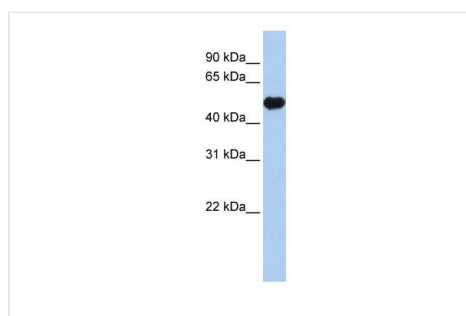
PRODUCT SYNONYMS

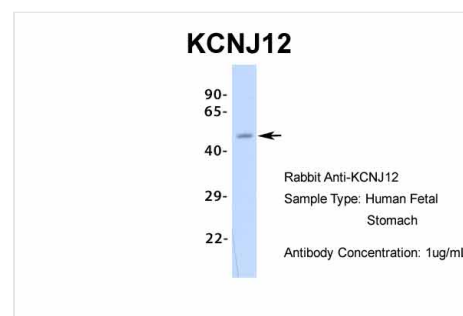
KCNJ12; Polyclonal Antibody; KCNJ12 antibody - middle region; anti-KCNJ12 antibody

PRODUCT SPECIFICATIONS

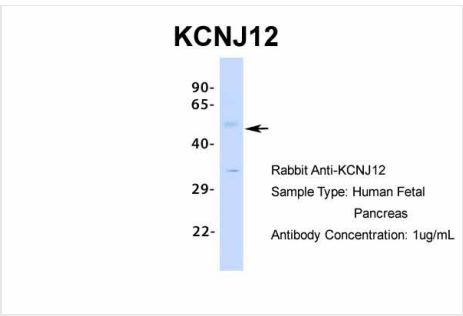
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: KD LVENKFLPS ANSFCYENEL AFLSRDEEDE ADGDQDGRSR DGLSPQAR
Sequence Length	433
Applicable Applications for anti-KCNJ12 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KCNJ12
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

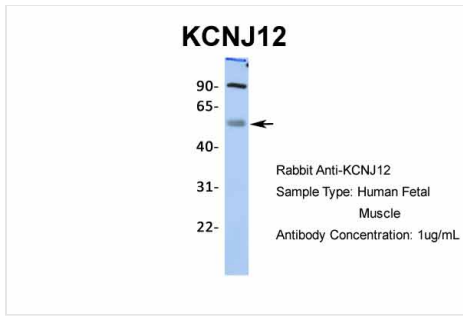
WB Suggested Anti-KCNJ12 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human brain

WB (Western Blot)

Host: Rabbit
Target Name: KCNJ12
Sample Type: Human Fetal Stomach
Antibody Dilution: 1.0ug/ml



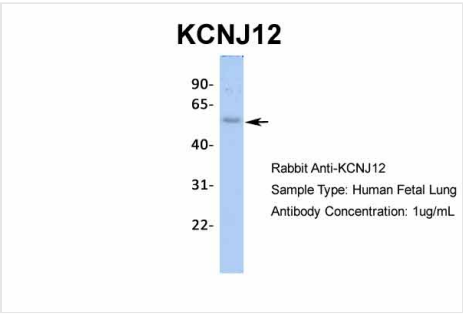
WB (Western Blot)

Host: RabbitTarget Name: KCNJ12Sample Type: Human Fetal PancreasAntibody Dilution: 1.0ug/ml



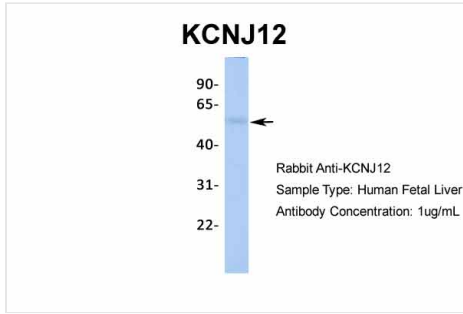
WB (Western Blot)

Host: RabbitTarget Name: KCNJ12Sample Type: Human Fetal MuscleAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: KCNJ12Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: KCNJ12Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ12 antibody	This is a rabbit polyclonal antibody against KCNJ12. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: KCNJ12 is an inwardly rectifying K⁺ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). This gene is located within the Smith-Magenis syndrome region on chromosome 17. This gene encodes an inwardly rectifying K⁺ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). The gene is located within the Smith-Magenis syndrome region on chromosome 17. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-486 BC027982.1 12-497 487-488 AC068418.5 101651-101652 489-2455 BC027982.1 500-2466 2456-2483 DA115102.1 132-159 2484-2485 AC068418.5 141899-141900 2486-2889 DA115102.1 161-564 2890-3454 BM799671.1 118-682 3455-3457 AC068418.5 142870-142872 3458-4692 AK024229.1 926-2160 4693-5230 AK024229.1 2163-2700
Product Categories/Family for anti-KCNJ12 antibody	Polyclonal; Ion Channel; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110982
NCBI GeneID	3768
NCBI Accession #	NP_066292
NCBI GenBank Nucleotide #	NM_021012
UniProt Accession #	Q14500
Molecular Weight	49kDa

NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 12
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 12
NCBI Official Symbol	KCNJ12
NCBI Official Synonym Symbols	IRK2; hIRK; IRK-2; hIRK1; KCNJN1; Kir2.2; Kir2.2v; kcnj12x; hkir2.2x
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 12
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 12
UniProt Gene Name	KCNJ12
UniProt Synonym Gene Names	IRK2; KCNJN1; IRK-2
UniProt Entry Name	KCJ12_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://www.aaabiotech.com/polyclonal/kcnj12-antibody-western-blot-elisa/23443>