

Rabbit anti-Mouse, Rat KCNJ12 Polyclonal Antibody | anti-KCNJ12 antibody

KCNJ12 Polyclonal Antibody

CATALOG # AAA281211	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Western Blot
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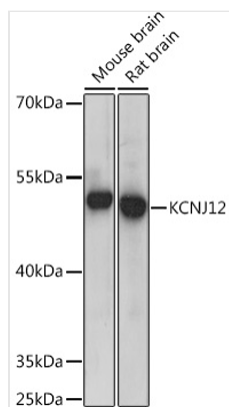
PRODUCT SYNONYMS

KCNJ12; Polyclonal Antibody; KCNJ12 Polyclonal Antibody; hIRK; hIRK1; hkir2.2x; IRK-2; IRK2; kcnj12x; KCNJN1; Kir2.2; Kir2.2v; anti-KCNJ12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3
Sequence Length	433
Applicable Applications for anti-KCNJ12 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 354-433 of human KCNJ12 (NP_066292.2)
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KCNJ12 Rabbit pAb (AAA281211) at 1:300 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ12 antibody	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.
Product Categories/Family for anti-KCNJ12 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110982
NCBI GeneID	3768
NCBI Accession #	NP_066292.2
NCBI GenBank Nucleotide #	NM_021012.4
UniProt Accession #	Q14500; O43401; Q15756; Q8NG63
Molecular Weight	Observed MW: 49kDa Calculated MW: 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

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.