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Product datasheet for TA338595

Kir2.2 (KCNJ12) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KCNJ12 antibody: synthetic peptide directed towards the middle region of human KCNJ12. Synthetic peptide located within the following region: KDLVENKFLLPSANSFCYENELAFLSRDEEDEADGDQDGRSRDGLSPQAR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	potassium voltage-gated channel subfamily J member 12
Database Link:	NP_066292 Entrez Gene 3768 Human Q14500
Background:	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. [provided by RefSeq, Jul 2008]
Synonyms:	hIRK; hIRK1; hkir2.2x; IRK-2; IRK2; kcnj12x; KCNJN1; Kir2.2; Kir2.2v

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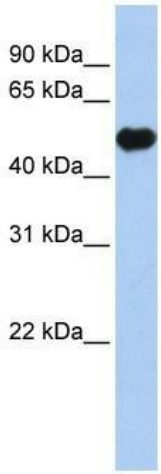
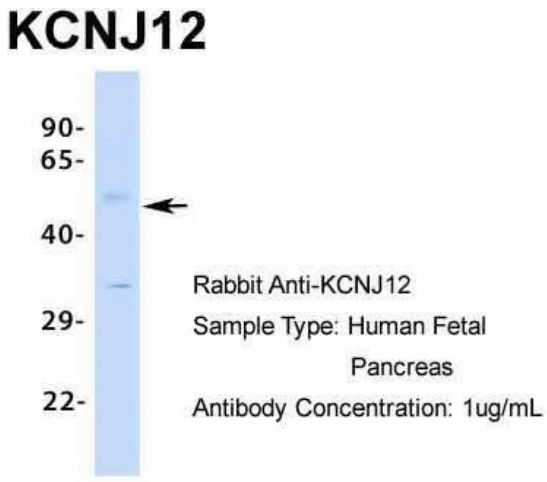
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

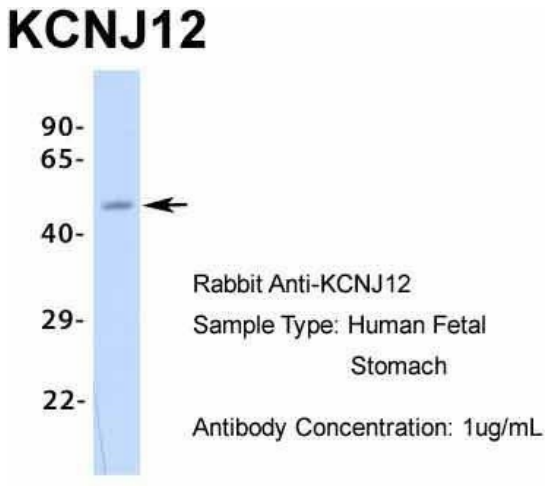
Product images:



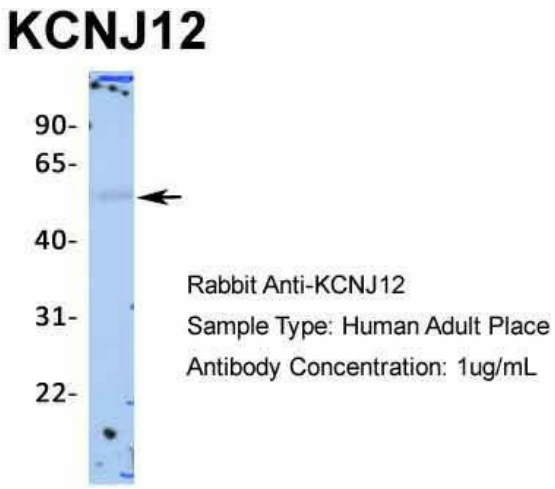
WB Suggested Anti-KCNJ12 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human brain



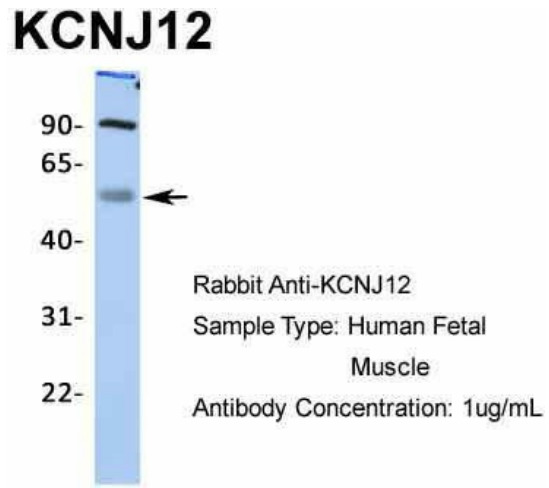
Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Pancreas; Antibody Dilution: 1.0 ug/ml



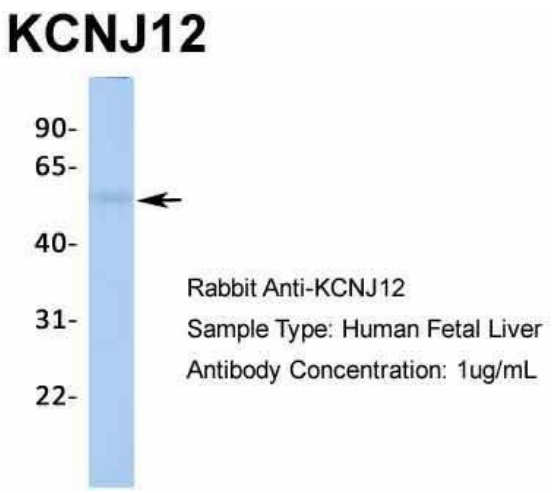
Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Stomach; Antibody Dilution: 1.0 ug/ml



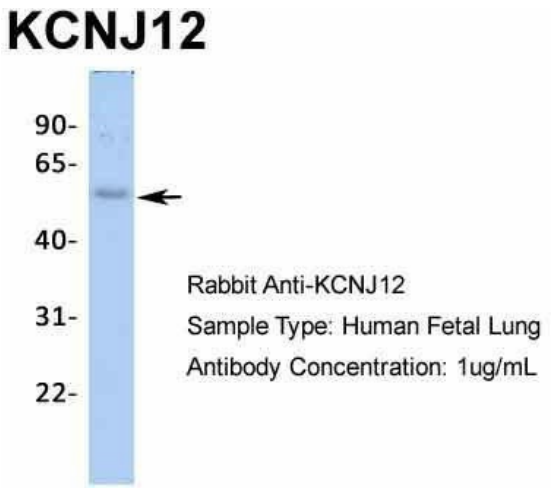
Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



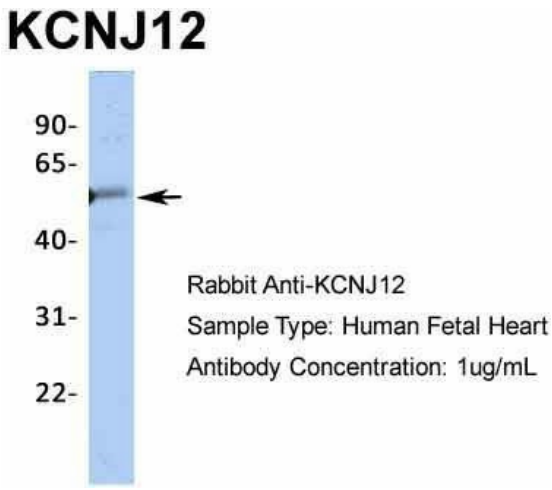
Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0 ug/ml



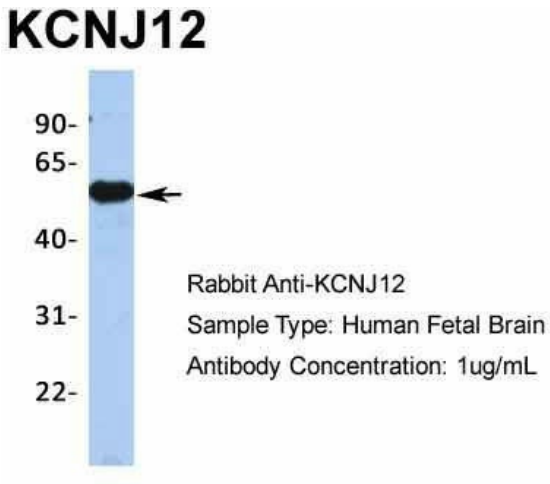
Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Liver; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: KCNJ12; Sample Tissue: Human Fetal Brain; Antibody Dilution: 1.0 ug/ml