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KCNG2 Polyclonal Antibody

Catalog # AP70637

Product Information

Application	WB, IHC-P
Primary Accession	Q9UJ96
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51240

Additional Information

Gene ID	26251
Other Names	KCNG2; KCNF2; Potassium voltage-gated channel subfamily G member 2; Cardiac potassium channel subunit; Voltage-gated potassium channel subunit Kv6.2
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

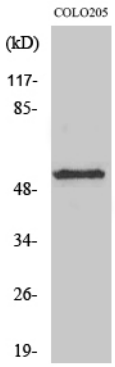
Protein Information

Name	KCNG2 (HGNC:6249)
Function	Regulatory alpha-subunit of the voltage-gated potassium (Kv) channel which, when coassembled with KCNB1, can modulate the kinetics and conductance-voltage relationship (PubMed:10551266). Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values (Probable). Potassium channel subunit that does not form functional channels by itself (Probable).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q14721}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P63142}
Tissue Location	Highly expressed in heart, liver, skeletal muscle, kidney and pancreas. Detected at low levels in brain, lung and placenta.

Background

Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values.

Images



Western Blot analysis of various cells using KCNG2 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.