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KCNG2 Polyclonal Antibody
Catalog # AP70637

Specification

KCNG2 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q9UJ96
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

KCNG2 Polyclonal Antibody - 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.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

KCNG2 Polyclonal Antibody - 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.

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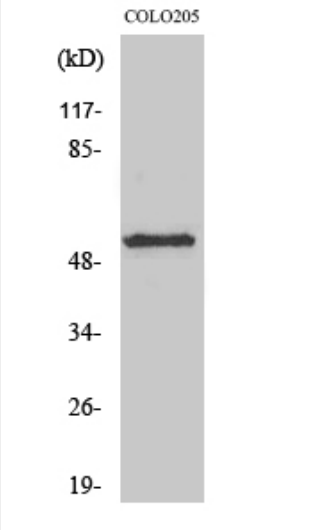
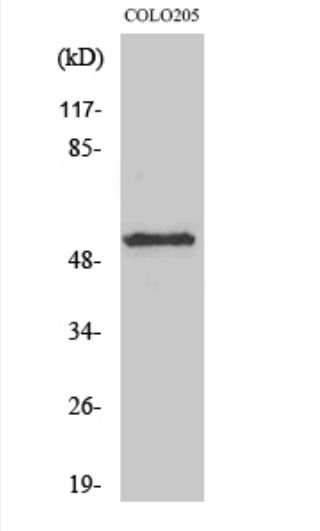
KCNG2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KCNG2 Polyclonal Antibody - Images





KCNG2 Polyclonal Antibody - Background

Potassium channel subunit. Modulates channel activity by shifting the threshold and the

half-maximal activation to more negative values.