

KCNQ2 Polyclonal Antibody
Catalog # AP70637**Specification****KCNQ2 Polyclonal Antibody - Product Information**

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

KCNQ2 Polyclonal Antibody - Additional Information**Gene ID** 26251**Other Names**

KCNQ2; 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°C

KCNQ2 Polyclonal Antibody - Protein Information**Name** KCNQ2 ([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

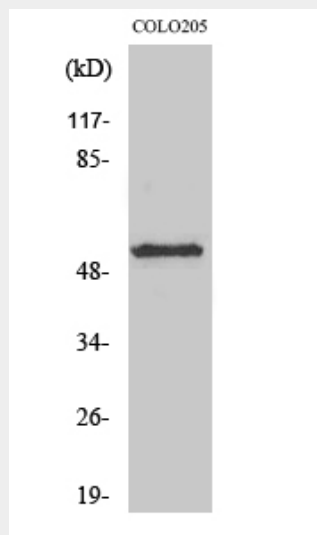
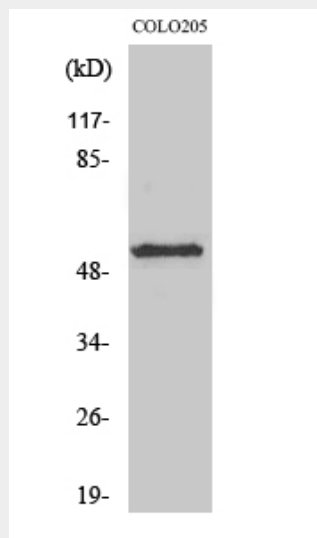
Highly expressed in heart, liver, skeletal muscle, kidney and pancreas. Detected at low levels in brain, lung and placenta.

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 Cytometry](#)
- [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.