KCNG2 rabbit pAb

Cat#: orb765543 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	KCNG2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human KCNG2. AA range:321-370
Specificity	KCNG2 Polyclonal Antibody detects endogenous levels of KCNG2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Potassium voltage-gated channel subfamily G member 2
Gene Name	KCNG2
Cellular localization	Membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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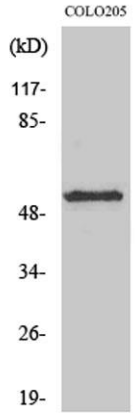
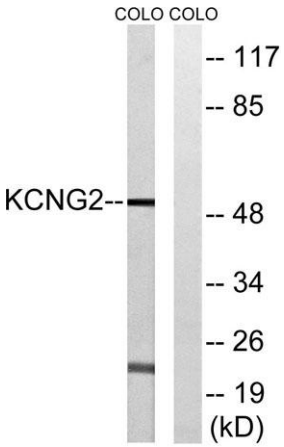
Concentration	1 mg/ml
Observed band	51kD
Human Gene ID	26251
Human Swiss-Prot Number	Q9UJ96
Alternative Names	KCNG2; KCNF2; Potassium voltage-gated channel subfamily G member 2; Cardiac potassium channel subunit; Voltage-gated potassium channel subunit Kv6.2
Background	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit of the voltage-gated potassium channel. The delayed-rectifier type channels containing this subunit may contribute to cardiac action potential repolarization. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using KCNG2 Polyclonal Antibody



Western blot analysis of lysates from COLO cells, using KCNG2 Antibody. The lane on the right is blocked with the synthesized peptide.

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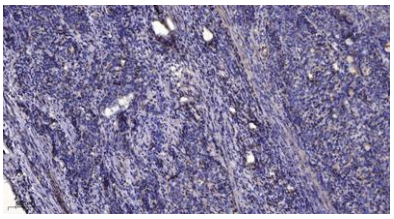

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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