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Product datasheet for TA351314

KCNG1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KCNG1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	potassium voltage-gated channel modifier subfamily G member 1
Database Link:	NP_758529 Entrez Gene 241794 MouseEntrez Gene 296395 RatEntrez Gene 3755 Human Q9UIX4
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 gene is abundantly expressed in skeletal muscle. Multiple alternatively spliced transcript variants have been found in normal and cancerous tissues.

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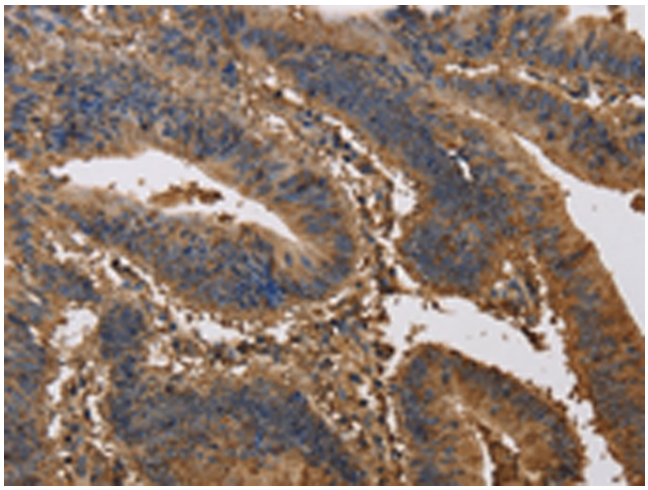
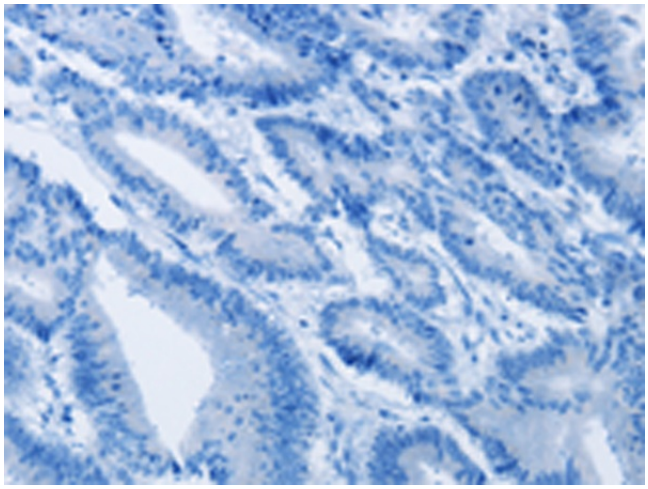
Synonyms: K13; KCNG; kH2; KV6.1; member 1; MGC12878; OTTHUMP00000043416; potassium channel KH2; potassium channel Kv6.1; potassium voltage-gated channel; subfamily G

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

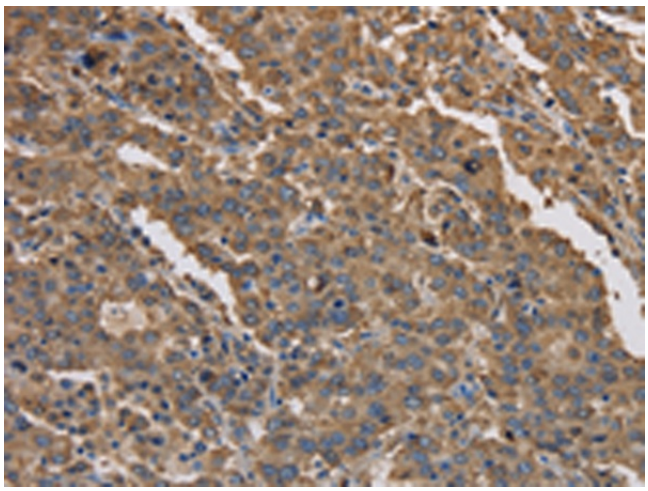
Product images:



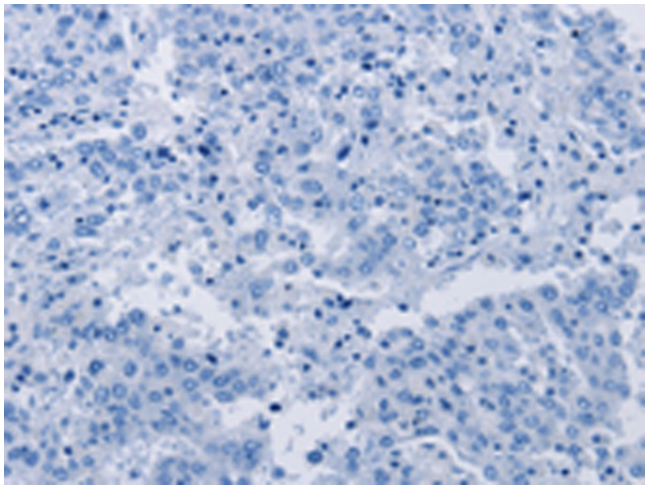
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351314 (KCNG1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351314 (KCNG1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351314 (KCNG1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351314 (KCNG1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)