

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## KCNG4 RABBIT PAB

Cat.#: \$220648

Product Name: Anti-KCNG4 Rabbit Polyclonal Antibody

Synonyms: KV6.3; KV6.4

UNIPROT ID: Q8TDN1 (Gene Accession - NP\_758857)

**Background:** Voltage-gated potassium (Kv) channels represent the most complex class of voltagegated 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 functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.

**Immunogen:** Synthetic peptide of human KCNG4

**Applications:** ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

**Purification:** Antigen affinity purification

Species Reactivity: Human, Mouse

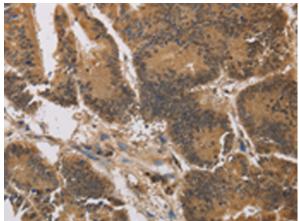
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Metabolism, Signal Transduction, Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

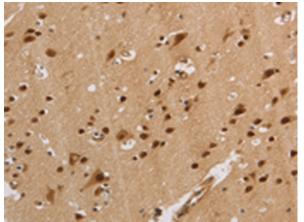


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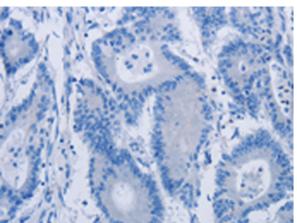
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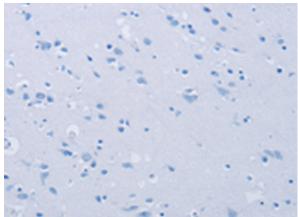
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220648(KCNG4 Antibody) at a dilution of 1/40(Nucleus).



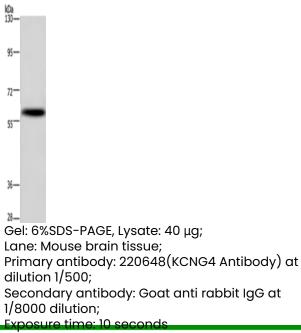
paraffin-embedded Human brain tissue using 220648(Anti-KCNG4 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220648(Anti-KCNG4 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261819(Anti-KCNG4 Antibody) at dilution 1/40.





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