

## KCNH7 RABBIT PAB

**Cat.#:** S222340

**Product Name:** Anti-KCNH7 Rabbit Polyclonal Antibody

**Synonyms:** ERG3; HERG3; Kv11.3

**UNIPROT ID:** Q9NS40 (Gene Accession - NP\_150375 )

**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 H. This member is a pore-forming (alpha) subunit. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms.

**Immunogen:** Synthetic peptide of human KCNH7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-50; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

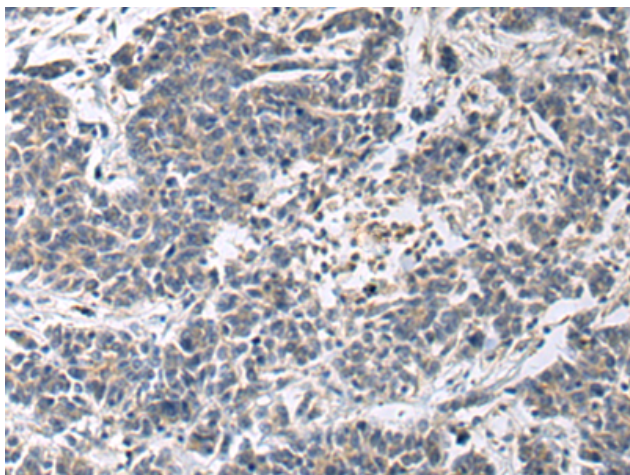
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

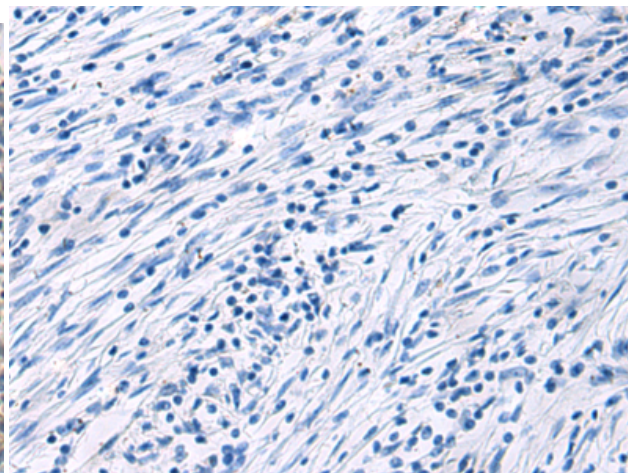
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

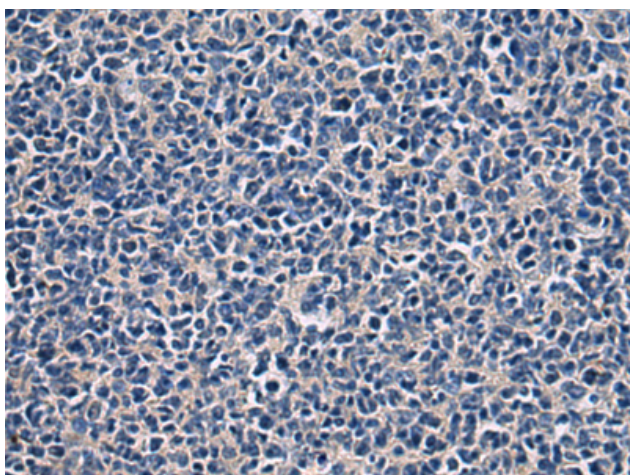
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



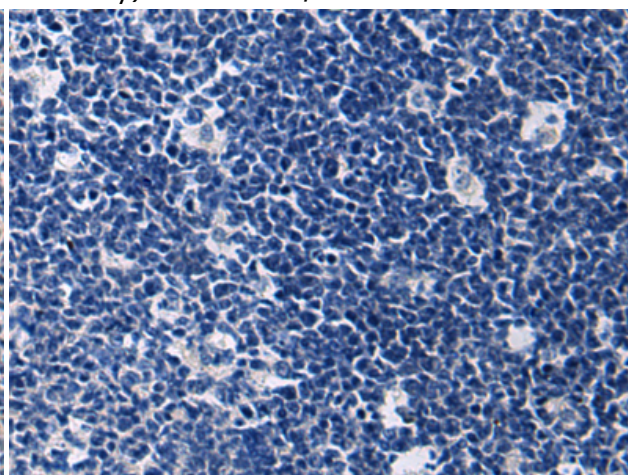
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 222340(KCNH7 Antibody) at a dilution of 1/35(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 222340(Anti-KCNH7 Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 222340(Anti-KCNH7 Antibody) at a dilution of 1/35.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D264423(Anti-KCNH7 Antibody) at dilution 1/35.