KCNH8 RABBIT PAB

Cat.#: S219843

Product Name: Anti-KCNH8 Rabbit Polyclonal Antibody

Synonyms: ELK, ELK1, elk3, Kv12.1

UNIPROT ID: Q96L42 (Gene Accession - NP_653234)

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.

Immunogen: Synthetic peptide of human KCNH8

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

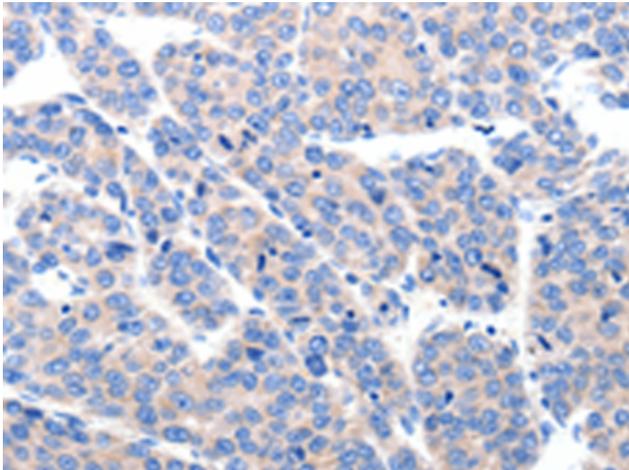**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

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

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience

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

Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 219843(KCNH8 Antibody) at a dilution of 1/50(Cytoplasm).
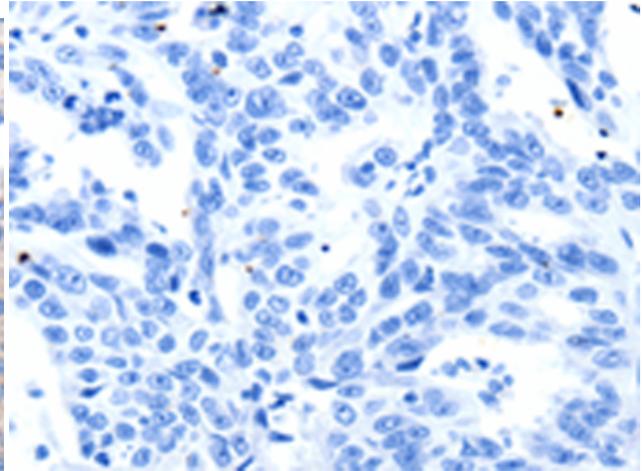
In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 219843(Anti-KCNH8 Antibody) at dilution 1/50.
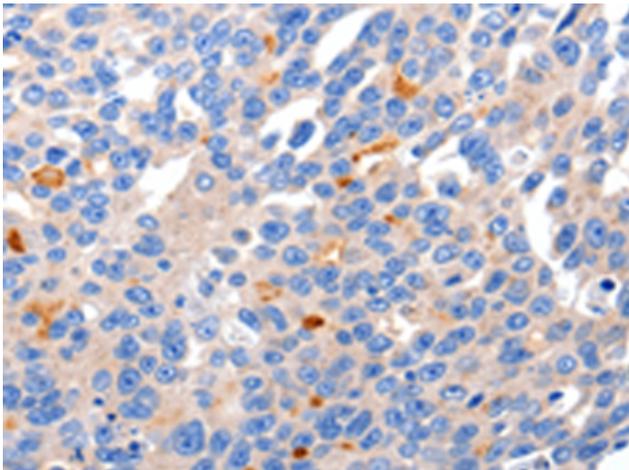
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 219843(Anti-KCNH8 Antibody) at a dilution of 1/50.
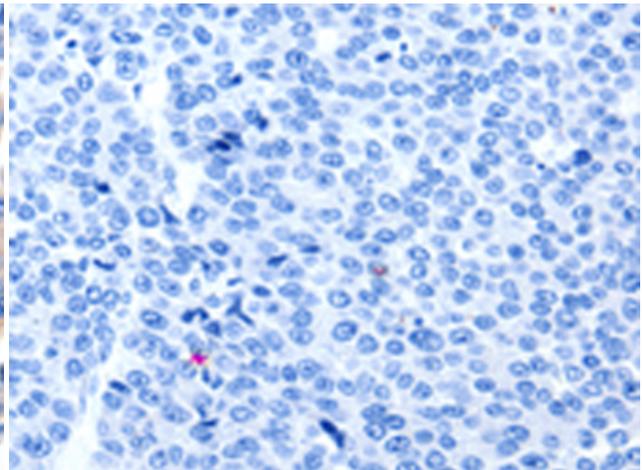
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D260472(Anti-KCNH8 Antibody) at dilution 1/50.