

KCNIP1 RABBIT PAB

Cat.#: S222279

Product Name: Anti-KCNIP1 Rabbit Polyclonal Antibody

Synonyms: VABP; KCHIP1

UNIPROT ID: Q9NZI2 (Gene Accession - NP_055407)

Background: This gene encodes a member of the family of cytosolic voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the neuronal calcium sensor (NCS) family of the calcium binding EF-hand proteins. They associate with Kv4 alpha subunits to form native Kv4 channel complexes. The encoded protein may regulate rapidly inactivating (A-type) currents, and hence neuronal membrane excitability, in response to changes in the concentration of intracellular calcium. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen: Synthetic peptide of human KCNIP1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

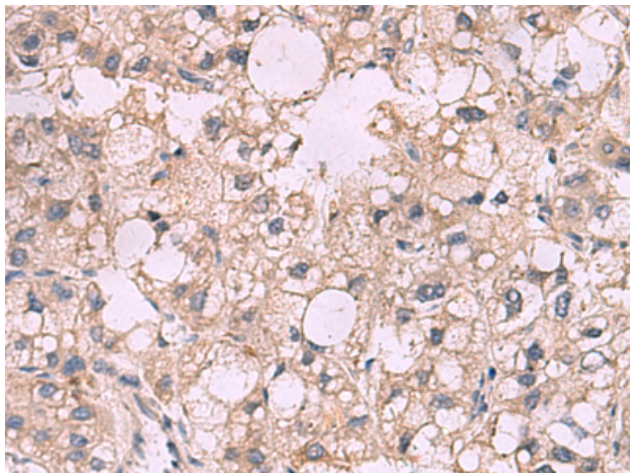
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

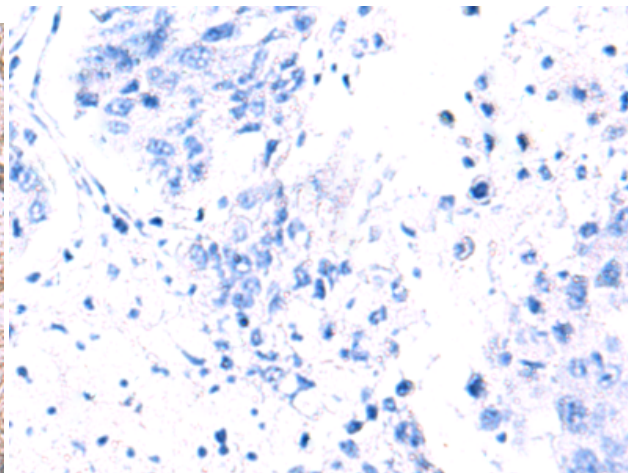
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

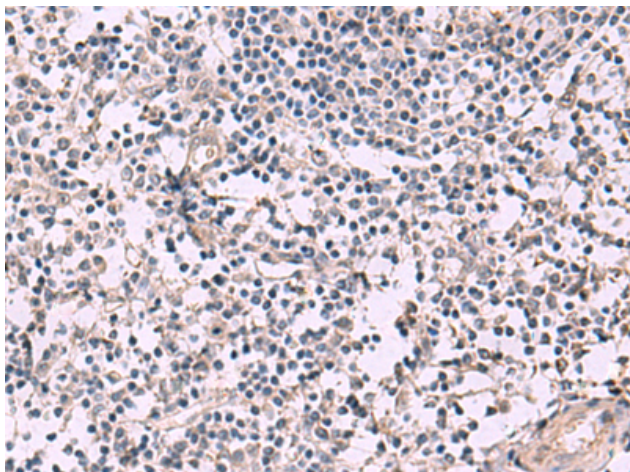
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



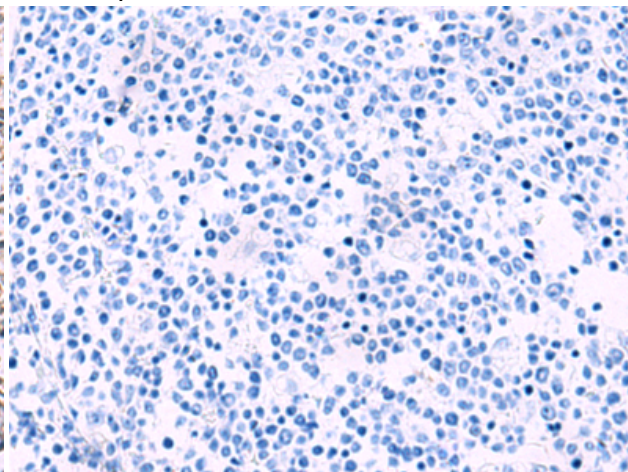
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 222279(KCNIP1 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 222279(Anti-KCNIP1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 222279(Anti-KCNIP1 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D264323(Anti-KCNIP1 Antibody) at dilution 1/40.