

CSNK2A1 RABBIT PAB

Cat.#: S216424

Product Name: Anti-CSNK2A1 Rabbit Polyclonal Antibody

Synonyms: CKII; CK2A1; CSNK2A3

UNIPROT ID: P68400 (Gene Accession - BC011668)

Background: Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.

Immunogen: Fusion protein of human CSNK2A1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

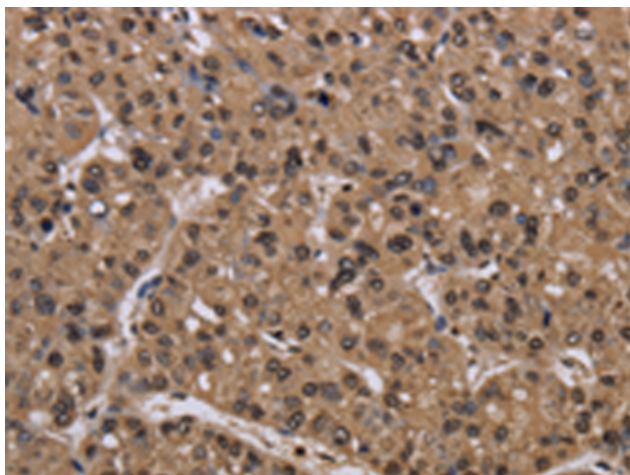
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

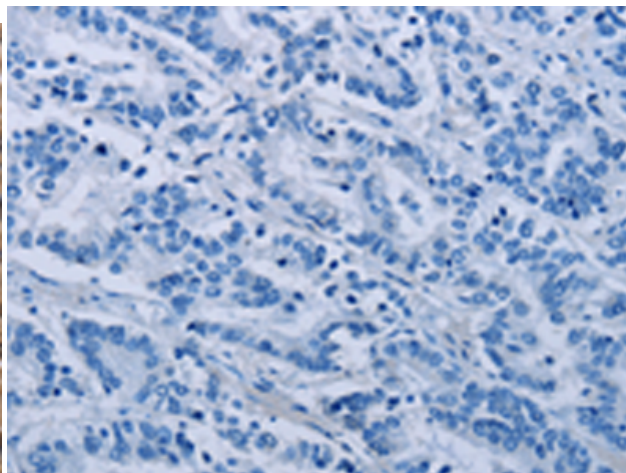
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer

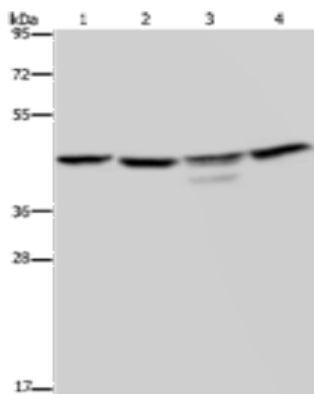
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216424(CSNK2A1 Antibody) at a dilution of 1/30(Cytoplasm and Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216424(Anti-CSNK2A1 Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane 1-4: K562 cells, 293T cells, Jurkat cells,
mouse brain tissue;
Primary antibody: 216424(CSNK2A1 Antibody)
at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution;
Exposure time: 10 seconds