

PDXK RABBIT PAB

Cat.#: S219321

Product Name: Anti-PDXK Rabbit Polyclonal Antibody

Synonyms: PKH; PNK; PRED79; C21orf97; HEL-S-1a; C21orf124

UNIPROT ID: O00764 (Gene Accession - BC000123)

Background: The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Immunogen: Fusion protein of human PDXK

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

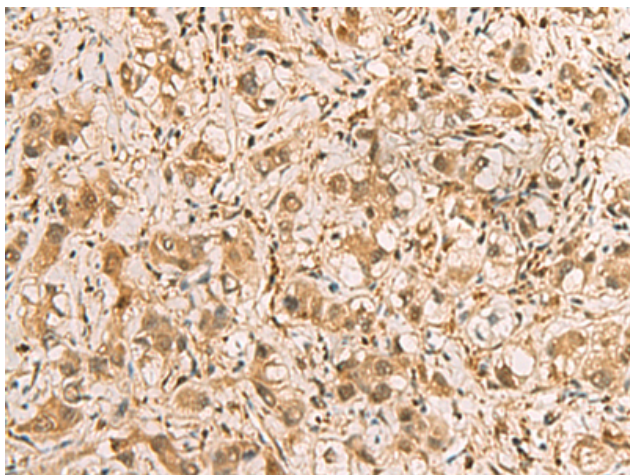
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

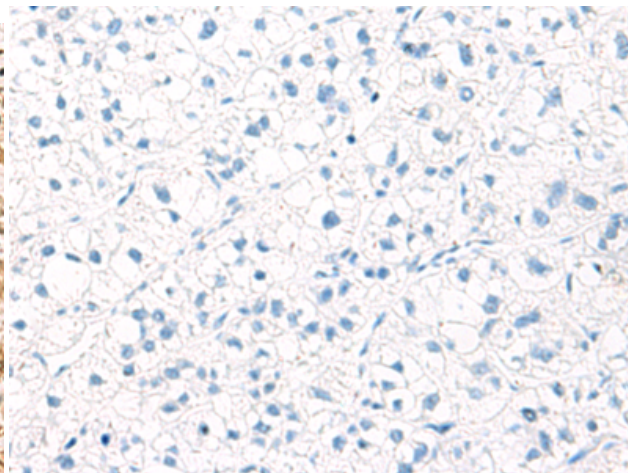
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cell Biology

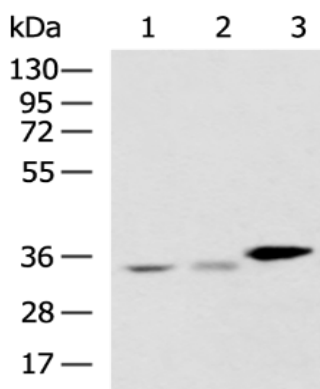
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219321(PDXK Antibody) at a dilution of 1/75(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 219321(Anti-PDXK Antibody) at dilution 1/75.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Rat liver tissue, MCF-7 cell, Mouse brain tissue lysates;
 Primary antibody: 219321(PDXK Antibody) at dilution 1/2000;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 20 seconds