

PDK2 RABBIT PAB

Cat.#: S213711

Product Name: Anti-PDK2 Rabbit Polyclonal Antibody

Synonyms: PDHK2

UNIPROT ID: Q15119 (Gene Accession - NP_002602)

Background: This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Immunogen: Synthetic peptide of human PDK2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

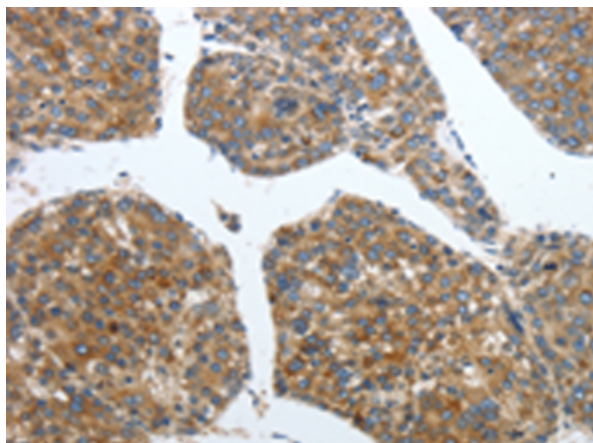
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

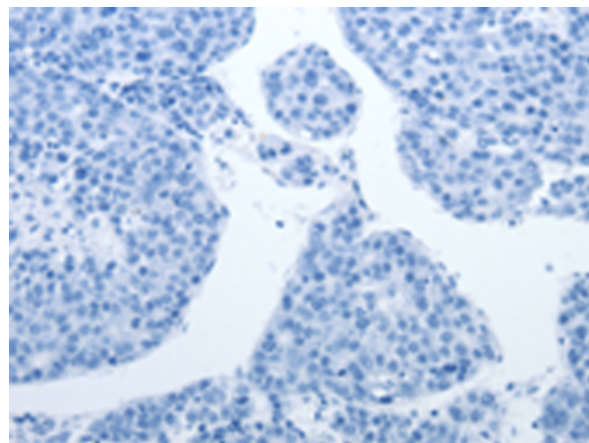
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

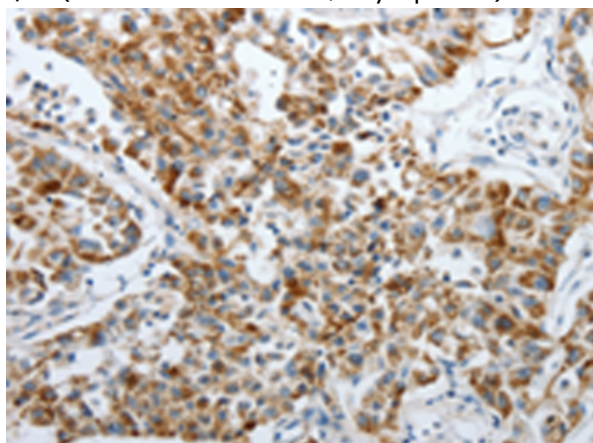
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



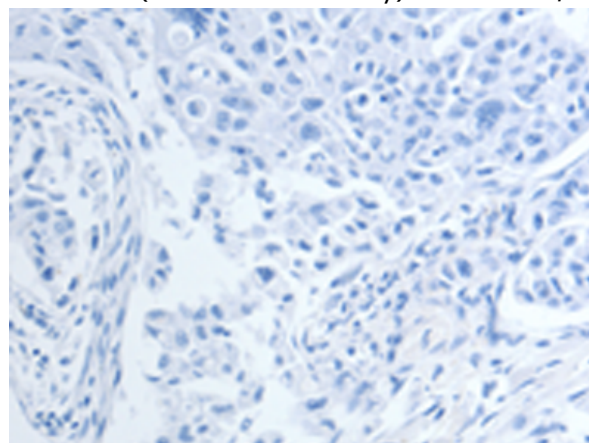
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 213711(PDK2 Antibody) at a dilution of 1/40(Mitochondrion matrix, Cytoplasm).



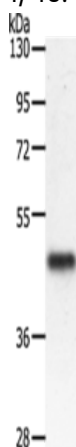
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 213711(Anti-PDK2 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 213711(Anti-PDK2 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D160702(Anti-PDK2 Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 50 µg;
Lane: Mouse heart tissue;
Primary antibody: 213711(PDK2 Antibody) at dilution 1/500;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 1 minute

