

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PDPK1 RABBIT PAB

Cat.#: S218706

Product Name: Anti-PDPK1 Rabbit Polyclonal Antibody

Synonyms: PDK1; PDPK2; PDPK2P; PRO0461

UNIPROT ID: 015530

Background: Enables 3-phosphoinositide-dependent protein kinase activity; phospholipase activator activity; and phospholipase binding activity. Involved in several processes, including cell surface receptor signaling pathway; regulation of protein kinase activity; and regulation of signal transduction. Acts upstream of or within intracellular signal transduction. Located in cell projection; cytosol; and plasma membrane. Implicated in prostate cancer. Biomarker of lung non-small cell

carcinoma.

Immunogen: Fusion protein of human PDPK1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; 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

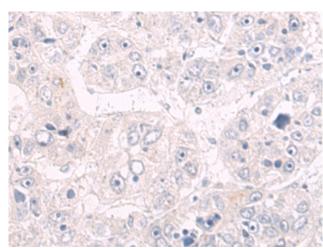
Research Areas: Signal Transduction

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

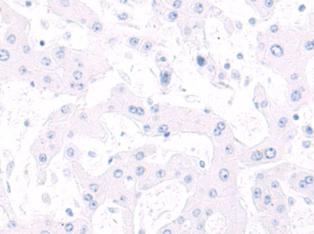


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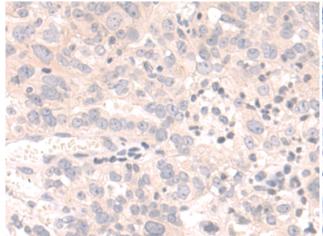
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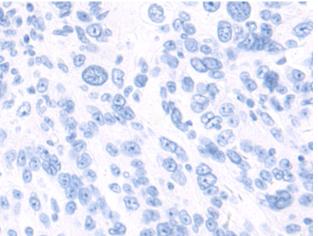
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218706(PDPK1 Antibody) at a dilution of 1/60(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218706(Anti-PDPK1 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with fusion 218706(Anti-PDPK1 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human breast protein and then with D225025(Anti-PDPK1 Antibody) at dilution 1/60.