

PHOSPHO-PDPK1 (SER241) RABBIT PAB

Cat.#: N225287

Product Name: Anti-Phospho-PDPK1 (Ser241) Rabbit pAb

Synonyms: PDPK1; PDK1; 3-phosphoinositide-dependent protein kinase 1; hPDK1

UNIPROT ID: O15530

Background: Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the regulation of a wide variety of processes, including cell proliferation, differentiation and apoptosis.

Immunogen: Synthetic peptide of human PDPK1

Applications: WB,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ICC: 1/100-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 63 kDa; Observed MW: 63 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

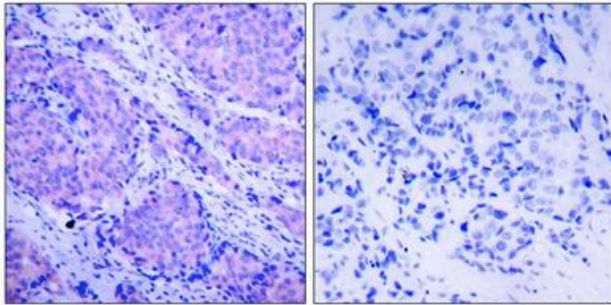
Conjugation: Unconjugated

Modification: Phosphorylated

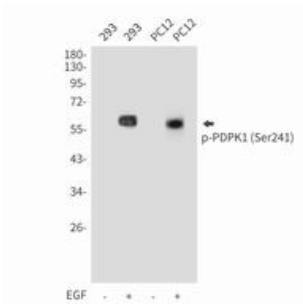
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

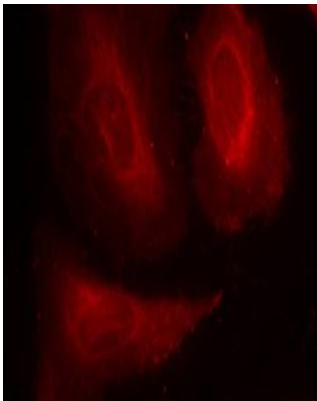
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using PDK1(Phospho-Ser241) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-PDK1 (Ser241) in 293, PC-12 lysates using Phospho-PDK1 (Ser241) antibody.



Immunofluorescence analysis of Phospho-PDK1 (Ser241) in HeLa cells using PDK1(Phospho-Ser241) antibody (red).