

Anti-Phospho-PDPK1 (Ser241) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012770

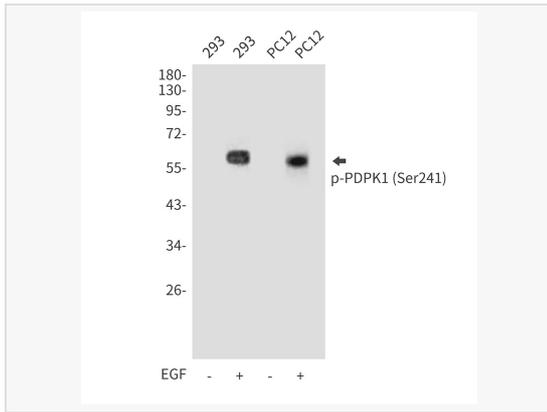
Product Information

Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ICC 1:100~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human PDPK1
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PDPK1 (Ser241) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

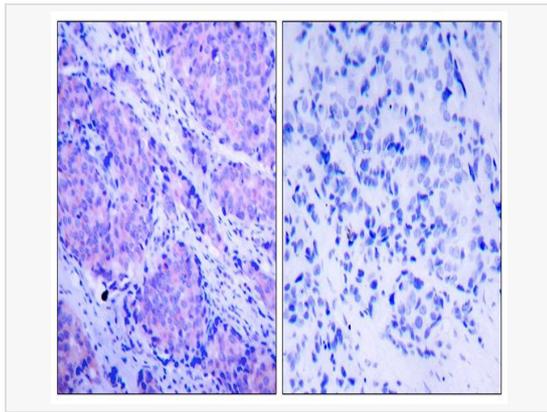
Protein Information

Synonyms	PDPK1, PDK1, 3-phosphoinositide-dependent protein kinase 1, hPDK1.
Calculated MW	Calculated MW: 63 kDa; Observed MW: 63 kDa
Uniprot ID	O15530
Gene ID	5170
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.

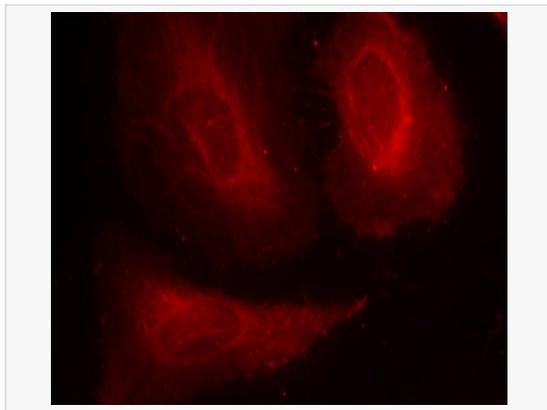
Validation Images



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



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.



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