
Product Name: Phospho-PDPK1 (Ser241) Rabbit Polyclonal Antibody**Catalog #: APRab03410**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:100-1:200
Molecular Weight	Calculated MW: 63 kDa; Observed MW: 63 kDa

Antigen Information

Gene Name	PDPK1
Alternative Names	PDPK1; PDK1; 3-phosphoinositide-dependent protein kinase 1; hPDK1
Gene ID	5170
SwissProt ID	O15530
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

Background

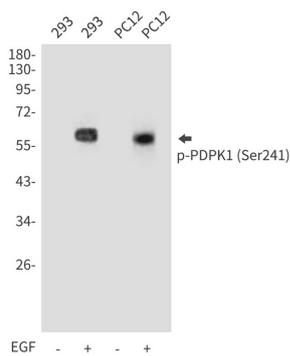
Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the

regulation of a wide variety of processes, including cell proliferation, differentiation and apoptosis.

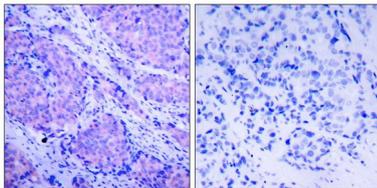
Research Area

Signal Transduction

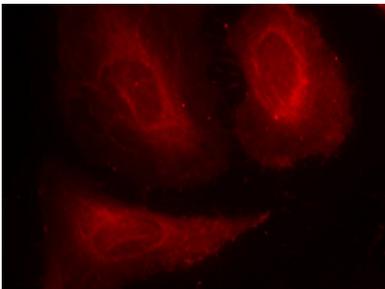
Image Data



Western blot analysis of Phospho-PDPK1 (Ser241) in 293, PC-12 lysates using Phospho-PDPK1 (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-PDPK1 (Ser241) in HeLa cells using PDK1(Phospho-Ser241) antibody (red).