

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

Summary

Production Name	Phospho-PDPK1 (Ser241) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	PDPK1
Alternative Names	PDPK1; PDK1; 3-phosphoinositide-dependent protein kinase 1; hPDK1
Gene ID	5170
SwissProt ID	O15530

Application

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

Background

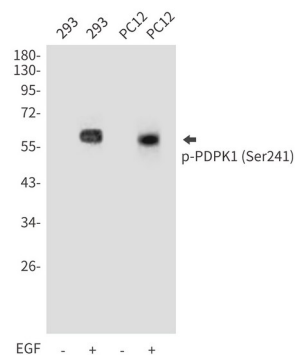
Product Name: Phospho-PDPK1 (Ser241) Rabbit Polyclonal Antibody
Catalog #: APRab03410

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.

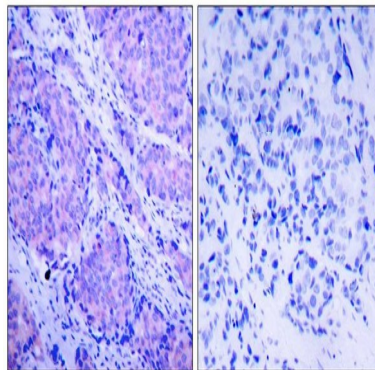
Research Area

Signal Transduction

Image Data

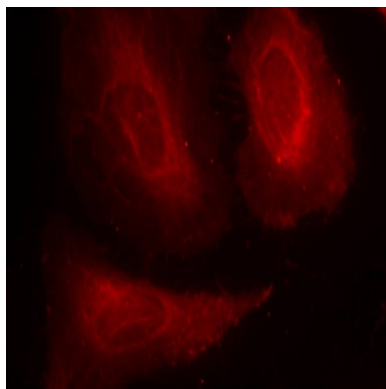


Western blot analysis of Phospho-PDPK1 (Ser241) in 293, PC-12 lysates using Phospho-PDPK1 (Ser241) antibody.



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.

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



Immunofluorescence analysis of Phospho-PDPK1 (Ser241) in HeLa cells using PDK1(Phospho-Ser241) antibody(red).

Note

For research use only.