

Summary

Production Name	PDPK1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
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 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 63 kDa; Observed MW: 60 kDa

Background

Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including

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Catalog #: APRab00410

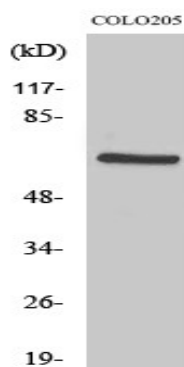


the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the regulation of a wide variety of processes, including cell proliferation, differentiation and apoptosis.

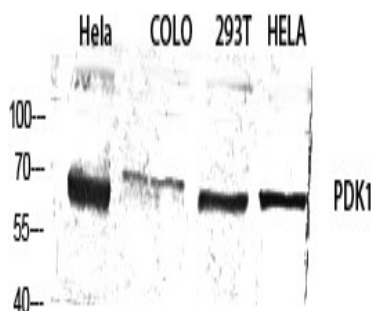
Research Area

Signal Transduction

Image Data



Western blot analysis of PDPK1 in COLO205 lysates using PDPK1 antibody.



Western blot analysis of PDPK1 in HELA COLO 293T lysates using PDK1 antibody.

Note

For research use only.