
Product Name: PDPK1 Rabbit Monoclonal Antibody**Catalog #: AMRe04096**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;
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 peptide corresponding to target protein

Background

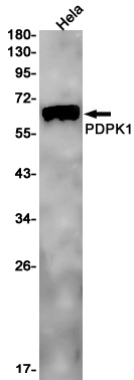
Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the

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

Research Area

Signal Transduction

Image Data



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