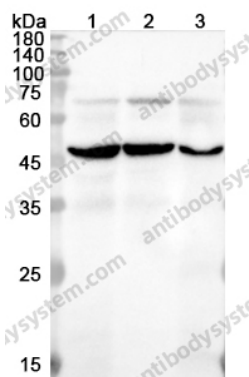


Anti-PDK1/PDPK1 Polyclonal Antibody

Summary

Catalog No.	PHA56301
Host species	Rabbit
Tested applications	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000
Species reactivity	Human, Mouse, Rat
Immunogen	E. coli - derived recombinant Human PDK1/PDPK1 (Lys83-Ala338).
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA, IHC, WB
Target	PDK1,hPDK1,PDPK1,3-phosphoinositide-dependent protein kinase 1
Purification	Purified by antigen affinity column.
Accession	O15530
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Note	For research use only.

Data Image



Western blot

Various lysates were subjected to SDS PAGE followed by western blot with PDK1 / PDPK1 antibody (PHA56301) at 0.4 µg/ml.

Lane 1: Hela cell lysate

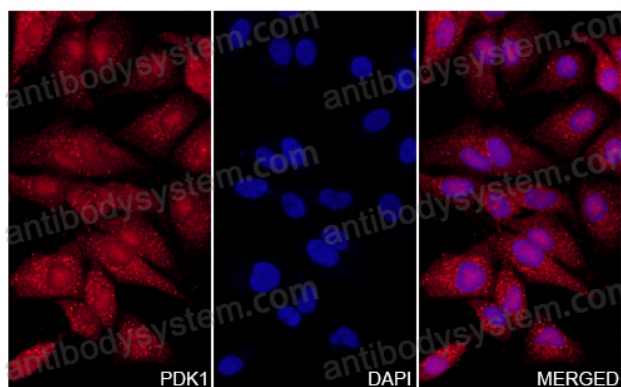
Lane 2: NCI-H460 cell lysate

Lane 3: K562 cell lysate

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 48,63 kDa

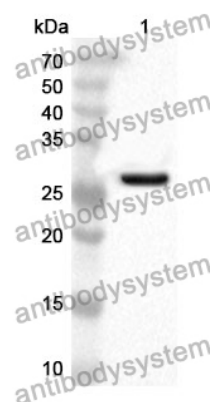
Observed MW: 48,68 kDa



Immunocytochemistry/ Immunofluorescence

PDK1 / PDPK1 in HeLa Cell Line.

The HeLa cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with PDK1 / PDPK1 (PHA56301) at 4 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-594) preabsorbed at 1/100 dilution (Shown in red) for 1 hour at room temperature. Nuclear DNA was labelled with DAPI (shown in blue).



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with PDK1/PDPK1 antibody (PHA56301) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 32 kDa

Observed MW: 32 kDa