

## PDPK1 Rabbit mAb (AR1521)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	63kD (Calculated) 58-68kD (Observed)

### Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
---------	---

### Basic Information

Clonality	Monoclonal
-----------	------------

### Immunogen Information

Specificity	Endogenous
-------------	------------

### Target Information

Gene name	PDPK1
-----------	-------

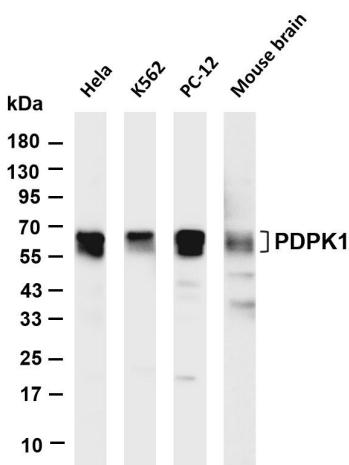
Protein Name	3-phosphoinositide-dependent protein kinase 1
--------------	---

Organism	Gene ID	UniProt ID
Human	5170	O15530
Mouse	18607	Q9Z2A0
Rat	81745	O55173

Cellular Localization	Membrane, Cytoplasm
-----------------------	---------------------

Tissue specificity	Appears to be expressed ubiquitously. The Tyr-9 phosphorylated form is markedly increased in diseased tissue compared with normal tissue from lung, liver, colon and breast.
--------------------	--

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PDPK1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: Hela

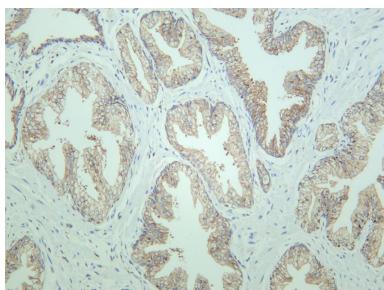
Lane 2: K562

Lane 3: PC-12

Lane 4: Mouse brain

Predicted band size: 63kDa

Observed band size: 58-68kDa



Human prostate carcinoma was stained with anti-PDPK1 rabbit antibody

For Research Use Only