

## Phospho-PDPK1 (Ser241) Ab

[References\(3\)](#) [Images\(15\)](#)

Cat.#: AF3018

Size:

Concn.: ~1mg/ml

Source: Rabbit

Mol.Wt.: 63kDa

Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

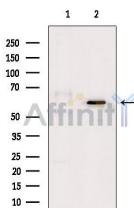
A synthesized peptide derived from human PDPK1 around the phosphorylation site of Ser241.

Uniprot:

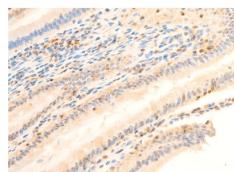
O15530

Description:

PDK1 an AGC kinase of the PKB family that contains a PH domain. Involved in a wide variety of processes including cell proliferation, differentiation and apoptosis. Autophosphorylation in the activation loop is necessary for activity.



Western blot analysis of extracts from UV treated MDA-MB-231 cells, using Phospho-PDK1 (Ser241) Ab. The lane on the left was treated with blocking peptide.



**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,



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