

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PDPK1



Numéro de catalogue: 17086-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:

17086-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG9213

Numéro d'acquisition GenBank:

BC012103

Identification du gène (NCBI):

5170

Nom complet:

3-phosphoinositide dependent protein kinase-1

MW calculé

556 aa, 63 kDa

MW observés:

60-63 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : MCF-7 cells, cellules LNCaP

IHC : tissu de cancer du sein humain,

## Informations générales

3-Phosphoinositide dependent protein kinase-1 (PDK1 or PDPK1) is a serine-threonine kinase belonging to AGC kinase family. PDK1 plays a critical role in establishing ACD (Asymmetric cell division) in the epithelium (PMID: 27184845). The kinase activity of PDK1 depends on phosphatidylinositol 3-kinase (PI3K), a key intermediate in signaling pathways including those from growth factor receptors and adhesion molecules. Substrates of PDK1, including AKT and the protein kinase C (PKC) isozymes, regulate a number of essential cell functions (PMID: 20027184). PDPK1 has 5 isoforms produced by alternative splicing of 48-63 kDa and is detected as 60-63 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zhang-Hua Yang	32979304	Mol Cell	WB
Wenjuan Wang	35715716	Biol Trace Elem Res	WB
Yunzhi Liu	35671705	J Innate Immun	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

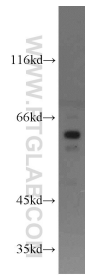
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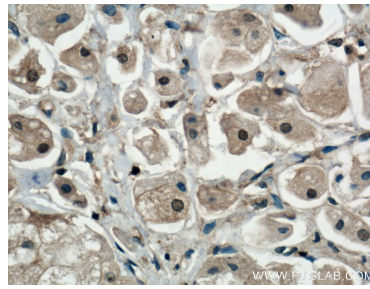
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W: [ptglab.com](http://ptglab.com)

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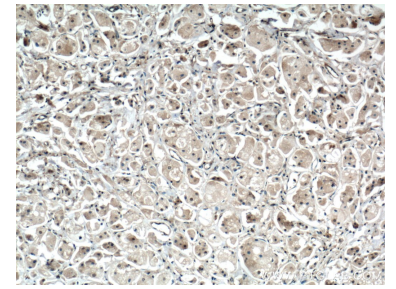
## Données de validation sélectionnées



MCF-7 cells were subjected to SDS PAGE followed by western blot with 17086-1-AP (PDK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17086-1-AP (PDK1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17086-1-AP (PDK1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).