

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PGK1



Numéro de catalogue: 17811-1-AP

Phare

58 Publications

## Informations de base

Numéro de catalogue:

17811-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12119

Numéro d'acquisition GenBank:

BC103752

Identification du gène (NCBI):

5230

Nom complet:

phosphoglycerate kinase 1

MW calculé

417 aa, 45 kDa

MW observés:

40-45 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB

## Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules HeLa, cellules HepG2, cellules NIH/3T3, cellules PC-12, cellules PC-3, tissu hépatique de rat, tissu hépatique de souris

IP : cellules SW-1990,

## Informations générales

The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It belongs to the phosphoglycerate kinase family and defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D). PGK1 has 2 isoforms with the molecular mass of 45 kDa and 41 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoduan Li	34510316	Cell Biol Toxicol	WB, IHC
Zheyang Min	33043000	Front Cell Dev Biol	WB, IP
Xiaodong Zhang	30180863	J Exp Clin Cancer Res	WB

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

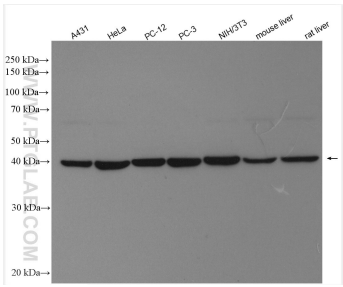
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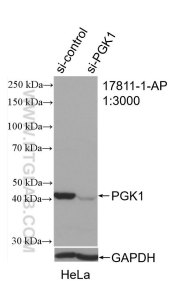
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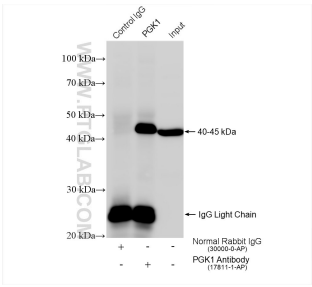
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 17811-1-AP (PGK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of PGK1 antibody (17811-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PGK1 transfected HeLa cells.



IP result of anti-PGK1(IP:17811-1-AP, 4ug; Detection:17811-1-AP 1:2000) with SW 1990 cells lysate 2800 ug.