À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PHKB

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:13400-1-AP Phare 3 Publications

Informations de base

Numéro de catalogue:
13400-1-AP

Taille:
150ul , Concentration: 450 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4240

Numéro d'acquisition GenBank:
BC033657

Identification du gène (NCBI):
5257

Nom complet:
phosphorylase kinase, beta

MW calculé
1086 aa, 124 kDa

MW observés:
124 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Applications testées:
IHC, IP, WB,ELISA

Demandes citées:
IHC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2, cellules Jurkat, cellules K-562, cellules LNCaP, tissu cardiaque de souris, tissu de muscle squelettique de souris

IP : tissu cardiaque de souris,

IHC : tissu de muscle squelettique humain, tissu hépatique humain

Informations générales

PHKB gene encodes phosphorylase kinase subunit beta involved in glycan biosynthesis and glycogen metabolism. PHKB activity is regulated by phosphorylation of various serine residues, and catalyzes the phosphorylation of serine in certain substrates, including troponin I. Phosphorylase kinase (PhK) complex, composed of alpha, beta, gamma, and delta subunits, stimulates energy production from glycogen in the cascade activation of glycogenolysis. Its large homologous alpha and beta subunits regulate the activity of the catalytic gamma subunit. Defects in PHKB are the cause of glycogen storage disease type 9B (GSD9B) also known as phosphorylase kinase deficiency of liver and muscle (PKD), characterized by hepathomegaly, only slightly elevated transaminases and plasma lipids, clinical improvement with increasing age, and remarkably no clinical muscle involvement.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guanghui Wang	28275865	J Cancer Res Clin Oncol	WB,IHC
Motoyasu Hosokawa	30870781	iScience	WB
Lai Guangrui G	22918876	Mol Endocrinol	IP, WB

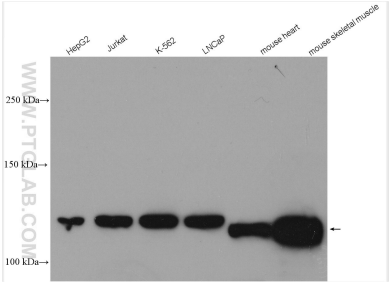
Stockage

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

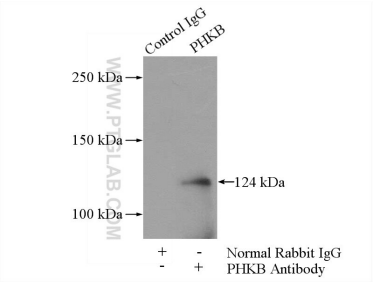
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

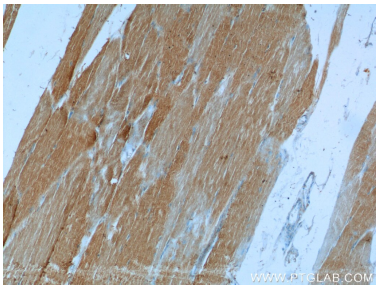
Données de validation sélectionnées



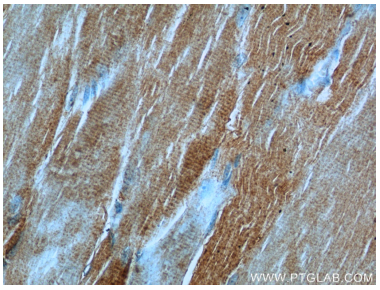
HepG2 cells were subjected to SDS PAGE followed by western blot with 13400-1-AP (PHKB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-PHKB (IP:13400-1-AP, 4ug; Detection:13400-1-AP 1:500) with mouse heart tissue lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 13400-1-AP (PHKB Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 13400-1-AP (PHKB Antibody) at dilution of 1:50 (under 40x lens).