

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PBK



Numéro de catalogue: 16110-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:

16110-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG9033

Numéro d'acquisition GenBank:

BC015191

Identification du gène (NCBI):

55872

Nom complet:

PDZ binding kinase

MW calculé

322 aa, 36 kDa

MW observés:

36-40 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:3000-1:10000

IHC 1:50-1:500

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, 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 : cellules HeLa, cellules Jurkat, cellules NIH/3T3, tissu ovarien de souris, tissu testiculaire de souris

IHC : tissu placentaire humain, tissu de cancer de la peau humain, tissu de cancer du poumon humain

Informations générales

PBK(PDZ-binding kinase) is also named as TOPIK, CT84, Nori-3, SPK and belongs to the MAP kinase kinase subfamily. PBK may have a role in the regulation of cellular proliferation and progression of the cell cycle. It has a characteristic cdc2/cyclin B phosphorylation site(SyT-P-X-KyR) at its N terminus, which is conserved across species, and it is phosphorylated in a cell cycle-dependent manner at mitosis, and that this phosphorylation is required for its activation(PMID:10779557).

Publications notables

Autrice	Pubmed ID	Journal	Application
Haofuzi Zhang	36358948	Biomolecules	IHC
Junyi Wang	32598088	FASEB J	WB,IF
Hanlin Ma	35859118	Exp Mol Med	WB,IHC,IP

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.

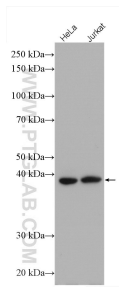
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

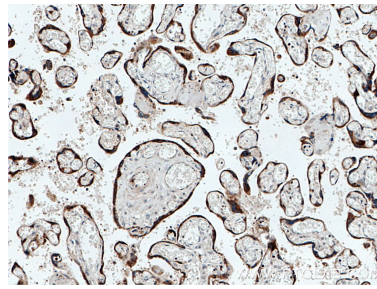
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

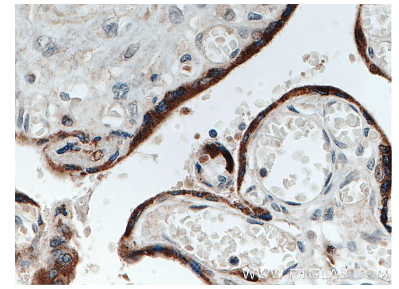
Données de validation sélectionnées



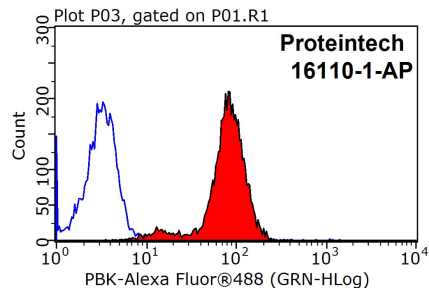
Various lysates were subjected to SDS PAGE followed by western blot with 16110-1-AP (PBK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16110-1-AP (PBK antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16110-1-AP (PBK antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HepG2 cells were stained with 0.2ug PBK antibody (16110-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.