À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PFKFB3

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:13763-1-AP Phare 97 Publications

Informations de base

Numéro de catalogue:
13763-1-AP

Taille:
150ul , Concentration: 1000 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4744

Numéro d'acquisition GenBank:
BC040482

Identification du gène (NCBI):
5209

Nom complet:
6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3

MW calculé
520 aa, 60 kDa

MW observés:
58 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, 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 HEK-293, cellules A431, cellules HeLa, cellules Jurkat, tissu cardiaque de souris, tissu de thymus de souris, tissu splénique de souris

IP : cellules HEK-293, tissu splénique de souris

IHC : tissu de cancer du foie humain, tissu hépatique humain, tissu rénal humain

IF : cellules HepG2,

Informations générales

PFKFB3, also named as NY-REN-56 and iPFK-2, plays a role in glucose metabolism. Its synthesis and degradation of fructose 2,6-bisphosphate. Endogenously generated adenosine cooperates with bacterial components to increase PFKFB3 isozyme activity, resulting in greater fructose 2,6-bisphosphate accumulation. PFKFB3 is required for increased growth, metabolic activity and is regulated through active JAK2 and STAT5.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nina M S Gustafsson	30250201	Nat Commun	WB,IF
Teresa W-M Fan	36150727	J Immunol	
Zhiping Liu	28928465	Nat Commun	

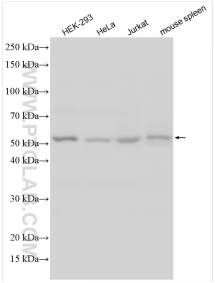
Stockage

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

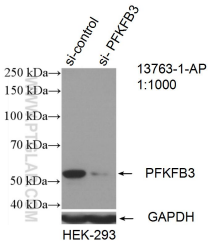
***** Les 20ul contiennent 0,1% de BSA.**

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

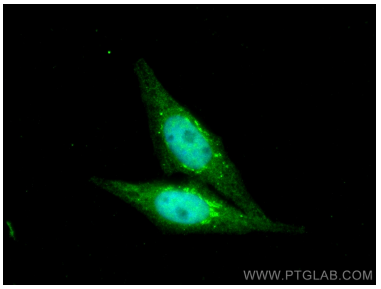
Données de validation sélectionnées



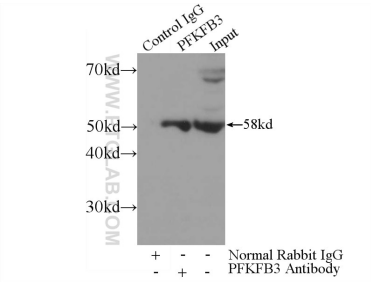
Various lysates were subjected to SDS PAGE followed by western blot with 13763-1-AP (PFKFB3-Specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



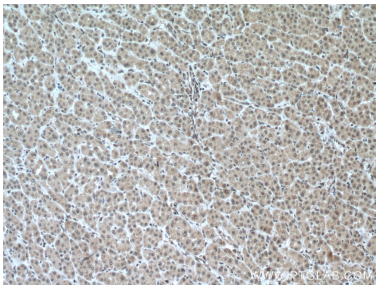
WB result of PFKFB3-Specific antibody (13763-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PFKFB3-Specific transfected HEK-293 cells.



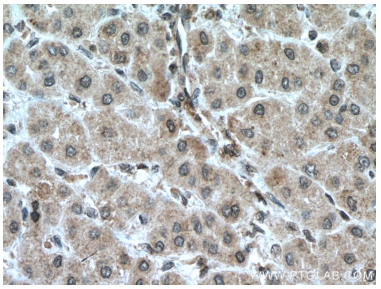
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PFKFB3-Specific antibody (13763-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-PFKFB3-Specific (IP:13763-1-AP, 3ug; Detection:13763-1-AP 1:1000) with HEK-293 cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13763-1-AP (PFKFB3-Specific 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 liver cancer tissue slide using 13763-1-AP (PFKFB3-Specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).