

À des fins de recherche uniquement

Anticorps Monoclonal anti-Hexokinase 1



Numéro de catalogue: 68419-1-Ig

Informations de base

Numéro de catalogue: 68419-1-Ig	Numéro d'acquisition GenBank: BC008730	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3098	CloneNo.: 2B4F9
Hôte: Mouse	Nom complet: hexokinase 1	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Isotype: IgG2a	MW calculé: 102 kDa	
Immunogen Catalog Number: AG8015	MW observés: 100 kDa	

Applications

Applications testées:
IP, WB, ELISA

Spécificité de l'espèce:
Humain, porc, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules 4T1, cellules HSC-T6, cellules HT-1080, cellules K-562, cellules MG U-87, cellules NIH/3T3, tissu cérébral de porc

IP : cellules HeLa,

Informations générales

The hexokinases (HKs) catalyze the first obligatory step in glucose metabolism to generate glucose-6-phosphate. This not only furthers glucose entry by maintaining the concentration gradient for facilitated glucose influx but also provides the first intermediate for essentially all major pathways using glucose. There are four conventional HK isoforms, HK1/2/3/4, encoded by four different genes. Most adult tissues express only HK1. Muscle and adipose tissue use HK2 for glycolysis, liver, and pancreatic beta cells express HK4 (also called glucokinase) and do not express HK1 or HK2. (PMID: 31434645, PMID: 31848318)

Stockage

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

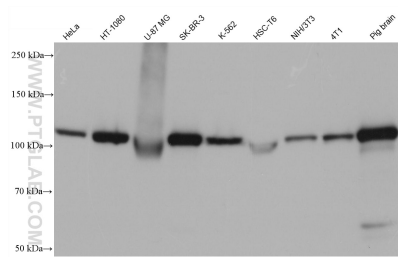
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

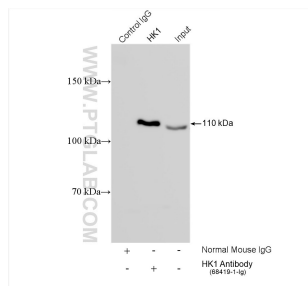
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 68419-1-Ig (HK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-Hexokinase 1(IP:68419-1-Ig, 4ug; Detection:68419-1-Ig 1:2000) with HeLa cells lysate 1560 ug.