

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-H6PD



Numéro de catalogue: 15255-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:

15255-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7109

Numéro d'acquisition GenBank:

BC081559

Identification du gène (NCBI):

9563

Nom complet:

hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)

MW calculé

89 kDa

MW observés:

89-95 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 1:500-1:2000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

rat

Contrôles positifs:

WB : cellules HepG2, cellules HeLa, tissu hépatique de souris

IP : cellules HepG2,

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

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.

Informations générales

Hexose-6-phosphate dehydrogenase (H6PD) is also named as GDH,6PGL. It is the main NADPH generating enzyme in the lumen of the endoplasmic reticulum. H6PD is regarded as an ancillary enzyme in prereceptorial glucocorticoid activation and probably acts as a nutrient sensor and as a prosurvival factor (PMID:21620971). H6PD has been shown to be a glycoprotein and tissue differences in glycosylation status might explain both the difference in migration on SDS-PAGE gels as well as in activity. Defects in H6PD are a cause of cortisone reductase deficiency (CRD). This antibody is specific to H6PD.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xixi Guo	31480692	Biomolecules	WB
Alzbeta Hulikova	35357563	Basic Res Cardiol	IF

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.

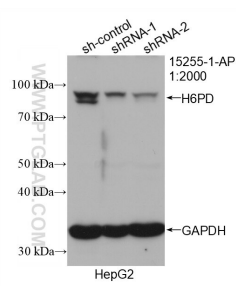
For technical support and original validation data for this product please contact:

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

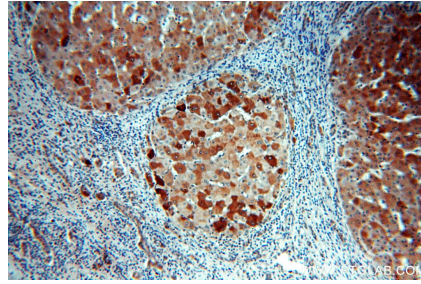
E: proteintech@ptglab.com
W: ptglab.com

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

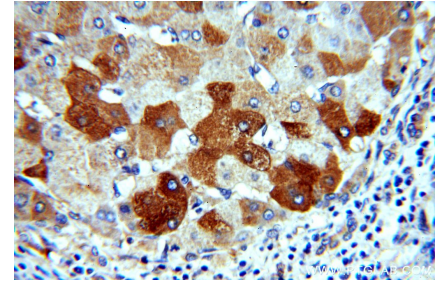
Données de validation sélectionnées



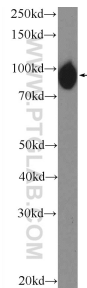
WB result of H6PD antibody (15255-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-H6PD transfected HepG2 cells.



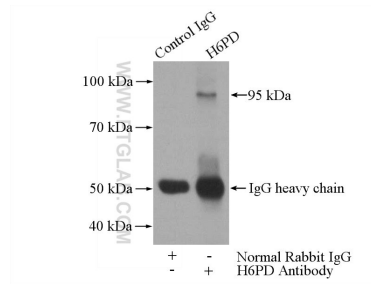
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 15255-1-AP (H6PD antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 15255-1-AP (H6PD antibody) at dilution of 1:100 (under 40x lens).



HepG2 cells were subjected to SDS PAGE followed by western blot with 15255-1-AP (H6PD Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-H6PD (IP:15255-1-AP, 4ug; Detection:15255-1-AP 1:1000) with HepG2 cells lysate 1600ug.