À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GGH

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:13264-1-AP

Informations de base

Numéro de catalogue:
13264-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 400 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3939

Numéro d'acquisition GenBank:
BC025025

Identification du gène (NCBI):
8836

Nom complet:
gamma-glutamyl hydrolase (conjugase, folylpolygammaglutamyl hydrolase)

MW calculé
318 aa, 36 kDa

MW observés:
30-37 kDa, 55 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:5000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:100-1:500

Applications

Applications testées:
IHC, IP, WB,ELISA

Spécificité de l'espèce:
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 HL-60, cellules HepG2, cellules HT-1080, cellules MCF-7

IP : cellules HepG2,

IHC : tissu rénal humain,

Informations générales

GGH (Gamma glutamyl hydrolase), also named as GH or Conjugase, is a key lysosomal enzyme involved in the metabolism of folic acid and in the action of antifolate drugs (PMID: 16945597). GGH catalyzes the removal of γ-linked polyglutamates from the intracellular folylpolyglutamates to yield folylmonoglutamate coenzymes (PMID: 9614206). The full-length protein has a calculated molecular mass of 36 kDa, contains four potential asparagine glycosylation sites, and was predicted to have a 24-amino-acid signal peptide (PMID: 8816764). GGH can form homodimer which contains two potential active sites (PMID: 16945597). Some bands can be detected by SDS-PAGE: 35-37kDa (full-length), 55kDa (glycosylated form) and 30-33kDa (signal peptide removed) (PMID: 8621474).

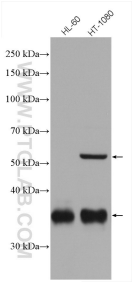
Stockage

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

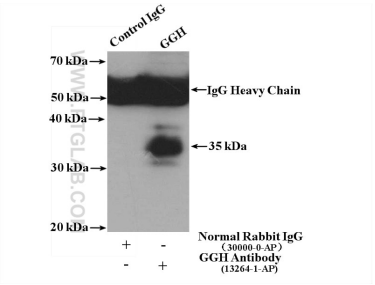
***** Les 20ul contiennent 0,1% de BSA.**

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

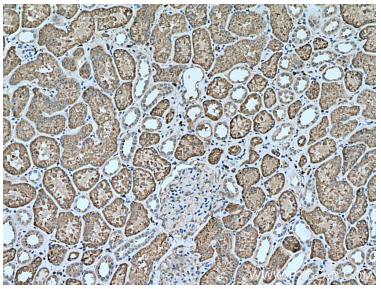
Données de validation sélectionnées



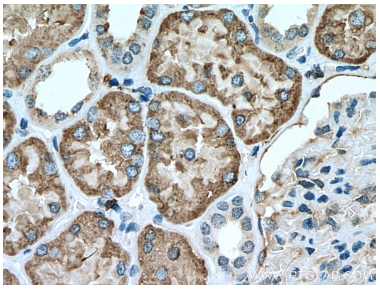
Various lysates were subjected to SDS PAGE followed by western blot with 13264-1-AP (GGH antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-GGH (IP:13264-1-AP, 4ug; Detection:13264-1-AP 1:500) with HepG2 cells lysate 5600 ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13264-1-AP (GGH 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 kidney tissue slide using 13264-1-AP (GGH antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).