

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GART



Numéro de catalogue: 13659-1-AP

7 Publications

Informations de base

Numéro de catalogue:

13659-1-AP

Taille:

150ul , Concentration: 600 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4555

Numéro d'acquisition GenBank:

BC038958

Identification du gène (NCBI):

2618

Nom complet:

phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase

MW calculé

1010 aa, 108 kDa

MW observés:

108 kDa, 46 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ColP, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A431, cellules HeLa, cellules HepG2

IP : cellules HepG2,

IHC : tissu de cancer du col de l'utérus humain,

IF : cellules HepG2,

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.

Informations générales

GART is a trifunctional polypeptide which has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity that is required for de novo purine biosynthesis. GART has 2 isoforms with molecular mass of 108 kDa and 46 kDa due to alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Eunus S Ali	32485148	Mol Cell	WB
Mona Hoseini Soflaee	35577785	Nat Commun	WB
Xing Feng	31975428	EMBO J	WB

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.

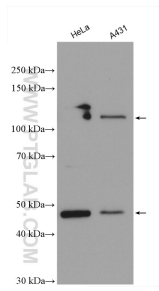
For technical support and original validation data for this product please contact:

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

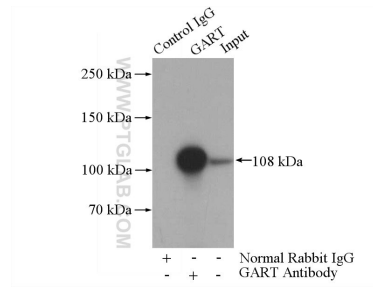
E: proteintech@ptglab.com
W: ptglab.com

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

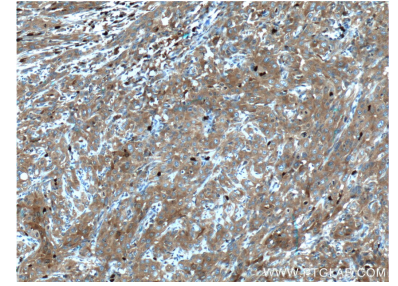
Données de validation sélectionnées



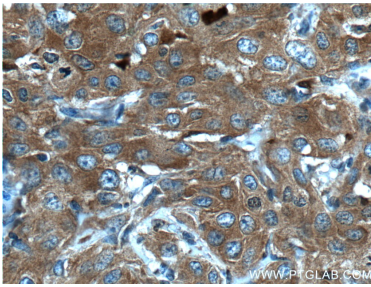
A431 cells were subjected to SDS PAGE followed by western blot with 13659-1-AP (GART antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



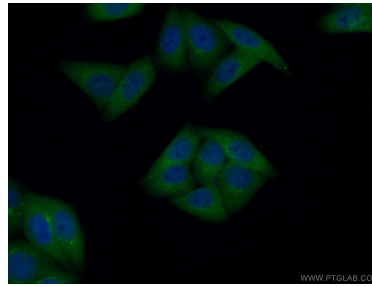
IP Result of anti-GART (IP:13659-1-AP, 4ug; Detection:13659-1-AP 1:500) with HepG2 cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13659-1-AP (GART 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 cervical cancer tissue slide using 13659-1-AP (GART antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 13659-1-AP (GART antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).