

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PEPD



Numéro de catalogue: 12218-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:

12218-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2842

Numéro d'acquisition GenBank:

BC015027

Identification du gène (NCBI):

5184

Nom complet:

peptidase D

MW calculé

493 aa, 55 kDa

MW observés:

55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IHC 1:100-1:800

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC

Spécificité de l'espèce:

Humain, souris

Espèces citées:

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.

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2, cellules MDA-MB-453s, cellules SH-SY5Y, tissu cutané de souris

IHC : tissu de cancer du poumon humain,

IF : cellules HepG2,

Informations générales

PEPD, also named as PRD, Prolidase, X-Pro dipeptidase, Imidodipeptidase, Peptidase D and Proline dipeptidase, belongs to the peptidase M24B family and Eukaryotic-type prolidase subfamily. PEPD splits dipeptides with a prolyl or hydroxyprolyl residue in the C-terminal position. It plays an important role in collagen metabolism because the high level of iminoacids in collagen. Defects in PEPD are a cause of prolidase deficiency (PD). PEPD is considered as the most promising candidate genes for altering AAA risk, based on gene function, association evidence, gene expression, and protein expression. (PMID:21247474)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------------|-----------|---------------|-------------|
| Aydemir Koçarslan | 27387023 | Arch Med Res | IHC |
| Lillvis John H JH | 21247474 | BMC Med Genet | IHC |

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.

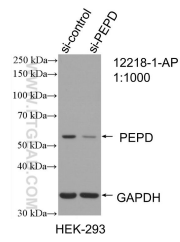
For technical support and original validation data for this product please contact:

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

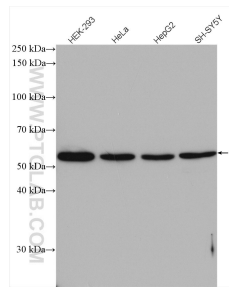
E: proteintech@ptglab.com
W: ptglab.com

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

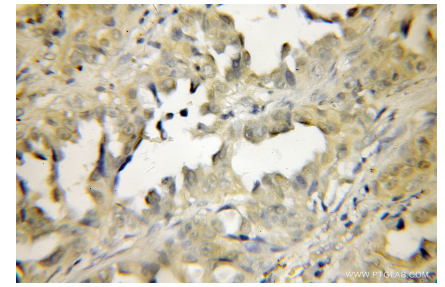
Données de validation sélectionnées



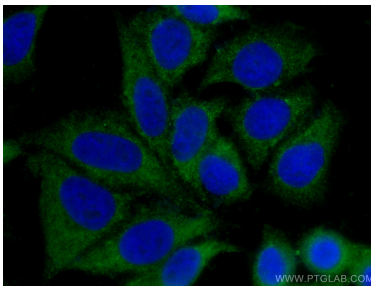
WB result of PEPD antibody (12218-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PEPD transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 12218-1-AP (PEPD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 12218-1-AP (PEPD antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 12218-1-AP (PEPD antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).