À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DPP4/CD26

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10940-1-AP Phare 9 Publications

Informations de base

Numéro de catalogue:
10940-1-AP

Taille:
150ul , Concentration: 133 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1380

Numéro d'acquisition GenBank:
BC013329

Identification du gène (NCBI):
1803

Nom complet:
dipeptidyl-peptidase 4

MW calculé
88 kDa

MW observés:
55-60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:20-1:200
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, Hamster

Espèces citées:
Humain, rat

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 PC-3,

IHC : tissu de cancer de la prostate humain,

IF : cellules PC-3,

Informations générales

DPP4 (also known as CD26) is a serine exopeptidase that cleaves X-proline dipeptides from the N terminus of polypeptides. It is an intrinsic membrane glycoprotein anchored into the cell membrane by its N-terminal end. High levels of the enzyme are found in the brush-border membranes of the kidney proximal tubule and of the small intestine, but several other tissues also express the enzyme. The enzyme is present in the fetal colon but disappears at birth. It is ectopically expressed in some human colon adenocarcinomas and human colon cancer cell lines(PMID:1977364).The dimeric 150- 220 kDa DPPIV has been reported to be active and accessible to DFP labeling, but the 110 kDa monomeric DPPIV is not(PMID:9065413). Sometimes traces of the 290 kDa active dimeric form of DPP IV as well as a 55-60 kDa protein appeared in the immunopurified DPP IV preparation. N-terminal amino acid sequence analysis revealed that the 55-60 kDa protein represents a fragment of DPP IV starting at amino acid 28. (PMID:9654125).

Publications notables

Autrice	Pubmed ID	Journal	Application
Norihiro Kotani	36152751	J Biol Chem	WB,IF
Hongping Zhou	29201174	Exp Ther Med	IHC
Jackson Edwin K EK	22802229	Hypertension	WB

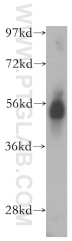
Stockage

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

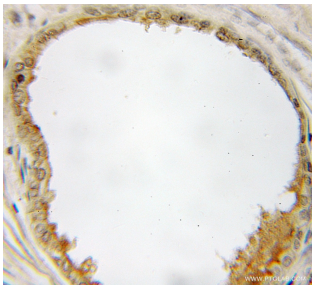
***** Les 20ul contiennent 0,1% de BSA.**

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

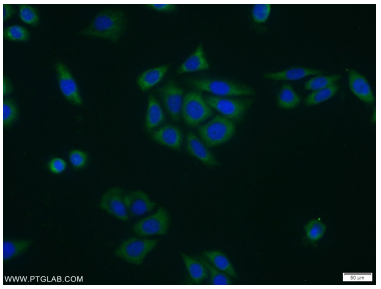
Données de validation sélectionnées



PC-3 cells were subjected to SDS PAGE followed by western blot with 10940-1-AP (DPP4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10940-1-AP (DPP4 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of PC-3 cells using 10940-1-AP (DPP4 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).