

Nur für Forschungszwecke

# DPP4/CD26 Polyklonaler Antikörper



Katalog-Nr.:10940-1-AP

Vorgestelltes Produkt

9 Publikationen

## Allgemeine Informationen

**Katalog-Nr.:**

10940-1-AP

**Größe:**

150ul , Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**Immunogen Katalognummer:**

AG1380

**GenBank-Zugangsnummer:**

BC013329

**GeneID (NCBI):**

1803

**Vollständiger Name:**

dipeptidyl-peptidase 4

**Berechnete Masse:**

88 kDa

**Beobachtete Masse:**

55-60 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

## Anwendungen

**Geprüfte Anwendungen:**

IF, IHC, WB, ELISA

**In Publikationen genannte Anwendungen:**

IF, IHC, WB

**Getestete Reaktivität:**

Hamster, Human

**Zitierte Arten:**

Human, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

**Positivkontrollen:**

WB : PC-3-Zellen,

IHC : humanes Prostatakarzinomgewebe,

IF : PC-3-Zellen,

## Hintergrundinformationen

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).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Norihiro Kotani	36152751	J Biol Chem	WB,IF
Hongping Zhou	29201174	Exp Ther Med	IHC
Jackson Edwin KEK	22802229	Hypertension	WB

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

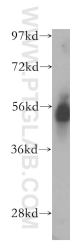
For technical support and original validation data for this product please contact:

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

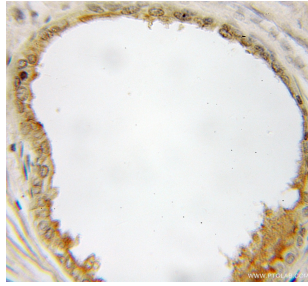
E: proteintech@ptglab.com  
W: ptglab.com

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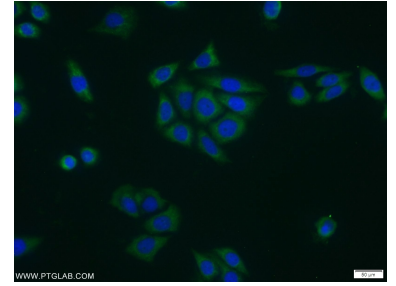
## Ausgewählte Validierungsdaten



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).