

anti- DPP4 antibody

Product Information

Catalog No.:	FNab02520
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

Cell surface glycoprotein receptor involved in the costimulatory signal essential for T-cell receptor(TCR)-mediated T-cell activation. Acts as a positive regulator of T-cell coactivation, by binding at least ADA, CAV1, IGF2R, and PTPRC. Its binding to CAV1 and CARD11 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Its interaction with ADA also regulates lymphocyte-epithelial cell adhesion. In association with FAP is involved in the pericellular proteolysis of the extracellular matrix(ECM), the migration and invasion of endothelial cells into the ECM. May be involved in the promotion of lymphatic endothelial cells adhesion, migration and tube formation. When overexpressed, enhanced cell proliferation, a process inhibited by GPC3. Acts also as a serine exopeptidase with a dipeptidyl peptidase activity that regulates various physiological processes by cleaving peptides in the circulation, including many chemokines, mitogenic growth factors, neuropeptides and peptide hormones. Removes N-terminal dipeptides sequentially from polypeptides having unsubstituted N-termini provided that the penultimate residue is proline.

Immunogen information

Immunogen:	dipeptidyl-peptidase 4
Synonyms:	ADABP, ADCP 2, ADCP2, CD26, dipeptidyl peptidase 4, Dipeptidyl peptidase IV, DPP IV, DPP4, DPPIV, T cell activation antigen CD26, TP103

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Observed MW: 110 kDa

Uniprot ID : P27487

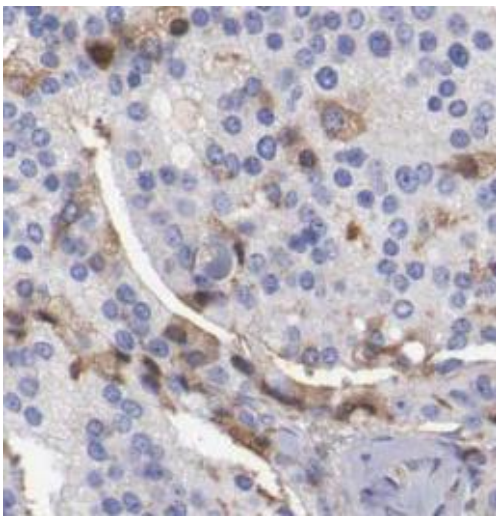
Application

Reactivity: Human, Rat

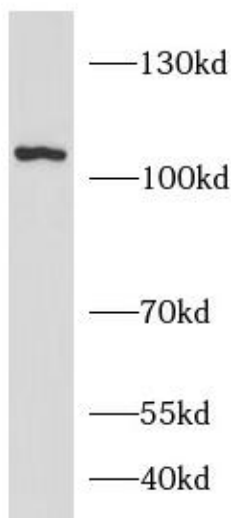
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab02520(DPP4 antibody) at dilution of 1:100



U-937 cells were subjected to SDS PAGE followed by western blot with FNab02520(DPP4 antibody) at dilution of 1:500

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