

PAA884Hu01

Polyclonal Antibody to Cluster Of Differentiation 26 (CD26)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.39mg/ml

UOM: 50µg(128µl)

Cross Reactivity: Canine; Porcine; Bovine; Caprine; Ovine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CD26 (Ser484~Val728) expressed in *E.coli*

Accession No.: RPA884Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 2-20µg/mL;

Immunocytochemistry: 2-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

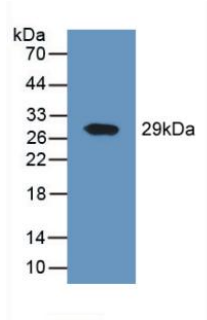
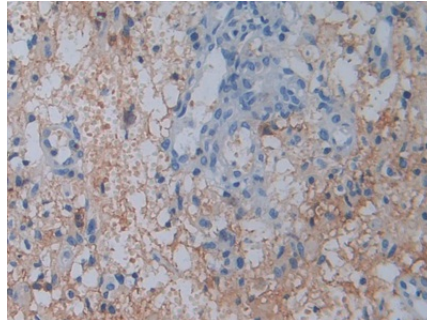
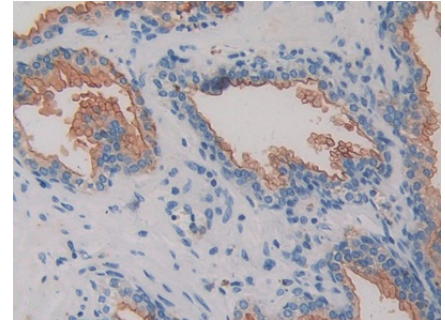


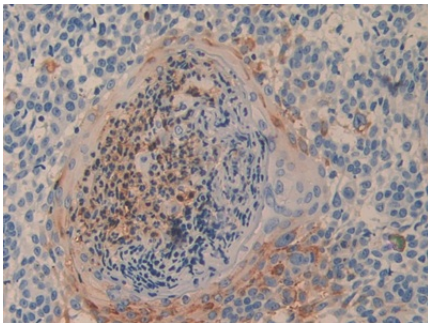
Figure. Western Blot; Sample: Recombinant DPP4, Human.



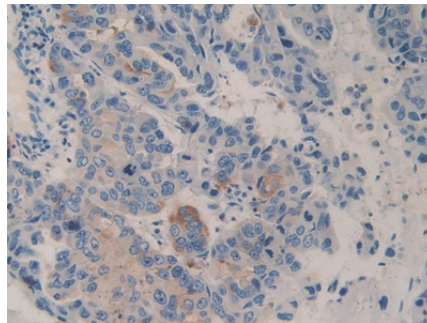
DAB staining on IHC-P;
 Samples: Human Glioma Tissue;
 Primary Ab: 15µg/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



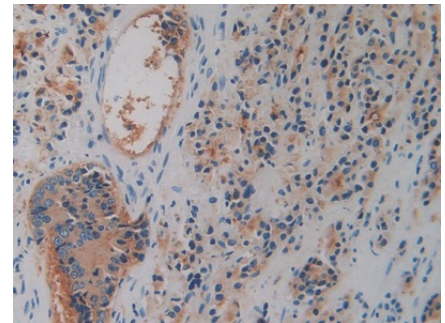
DAB staining on IHC-P;
 Samples: Human Prostate Tissue;
 Primary Ab: 15µg/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



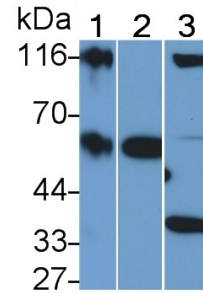
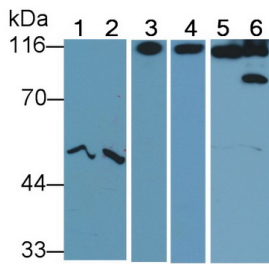
DAB staining on IHC-P;
 Samples: Human Skin cancer Tissue;
 Primary Ab: 15µg/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;
 Samples: Human Breast cancer Tissue;
 Primary Ab: 15µg/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



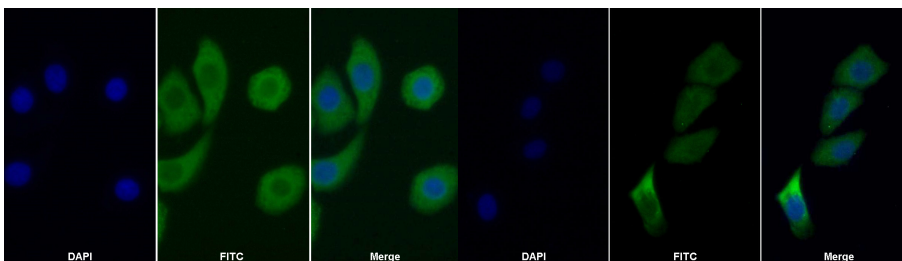
DAB staining on IHC-P;
 Samples: Human Prostate cancer Tissue;
 Primary Ab: 15µg/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: 293T cell lysate; Lane3: Porcine Liver lysate; Lane4: Rat Liver lysate; Lane5: Mouse Liver lysate; Lane6: Mouse Heart lysate
 Primary Ab: 0.05 μ g/ml Rabbit Anti-Human CD26 Antibody
 Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19) Selected

Western Blot; Sample: Human Placenta lysate
 Primary Ab: 0.2 μ g/ml Rabbit Anti-Human DPP4 Antibody
 Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19) Selected

Western Blot; Sample: Lane1: Canine Liver lysate; Lane2: Bovine Liver lysate; Lane3: Caprine Liver lysate
 Primary Ab: 0.15 μ g/ml Rabbit Anti-Human CD26 Antibody
 Second Ab: 0.2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19) Selected



FITC staining on IF;

Samples: Human HeLa cell;

Primary Ab: 20 μ g/ml Rabbit Anti-Human DPP4 Antibody

Second Ab: 1.5 μ g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

FITC staining on IF;

Sample: HeLa cell

Primary Ab: 20 μ g/ml Rabbit Anti-Human CD26 Antibody

Second Ab: 2 μ g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.