

PAA638Hu01

Polyclonal Antibody to Visfatin (VF)

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: 0.5mg/mL

UOM: 100 μ L

Cross Reactivity: Mouse;Porcine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant Visfatin (Met1~His491) expressed in *E.coli*

Accession No.: RPA638Hu01

[APPLICATIONS]

Western blotting: 0.01-2 μ g/mL;

Immunohistochemistry: 5-20 μ g/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

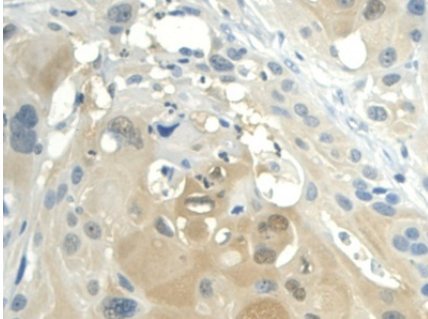
Store at 4°C for frequent use.

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

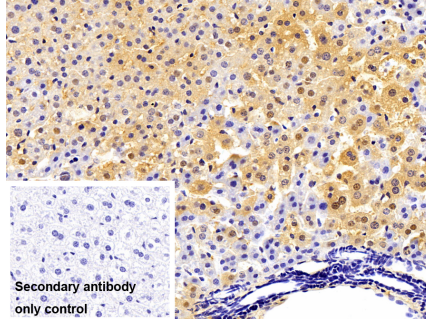
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

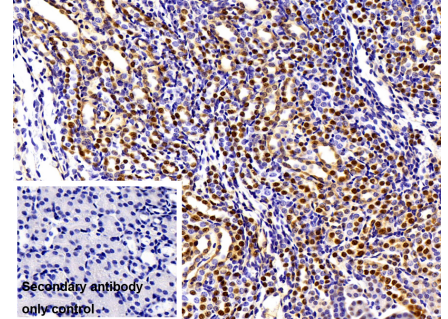
[IDENTIFICATION]



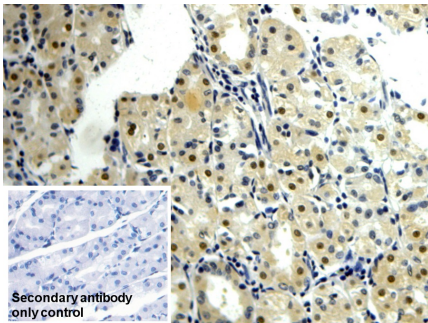
DAB staining on IHC-P; Samples:
 Human Esophagus Tissue; Primary Ab:
 20µg/ml Rabbit Anti-Human VF
 Antibody Second Ab: 2µg/mL HRP-
 Linked Caprine Anti-Rabbit IgG
 Polyclonal Antibody (Catalog:
 SAA544Rb19)



DAB staining on IHC-P;
 Sample: Mouse Liver Tissue
 Primary Ab: 10µg/ml Rabbit Anti-
 Human VF Antibody
 Control: Used PBS instead of primary
 antibody
 Second Ab: 2?g/ml HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)



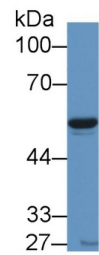
DAB staining on IHC-P;
 Sample: Mouse Kidney Tissue
 Primary Ab: 10µg/ml Rabbit Anti-
 Human VF Antibody
 Control: Used PBS instead of primary
 antibody
 Second Ab: 2?g/ml HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;
 Sample: Human Stomach Tissue;
 Primary Ab: 20µg/ml Rabbit Anti-
 Human VF Antibody
 Second Ab: 2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)
 Secondary antibody only control: Used

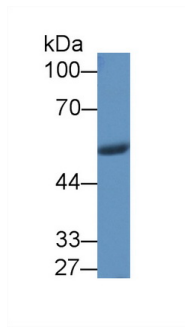


Western Blot; Sample: Porcine Liver
 lysate;
 Primary Ab: 1µg/ml Rabbit Anti-Human
 VF Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19) Selected

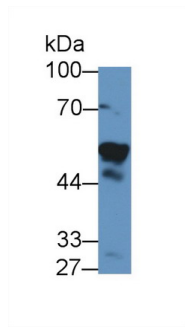


Western Blot; Sample: Porcine Heart
 lysate;
 Primary Ab: 1µg/ml Rabbit Anti-Human
 VF Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19) Selected

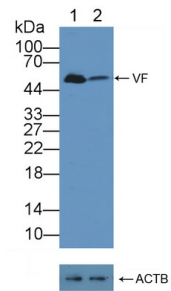
PBS instead of primary antibody,
 Second Ab: 2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Porcine
 Stomach lysate;
 Primary Ab: 1µg/ml Rabbit Anti-Human
 VF Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19) Selected



Western Blot; Sample: 293T cell lysate;
 Primary Ab: 1µg/ml Rabbit Anti-Human
 VF Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19) Selected



Knockout Varification:
 Lane 1: Wild-type 293T cell lysate;
 Lane 2: VF knockout 293T cell lysate;
 Predicted MW: 55kd
 Observed MW: 55kd
 Primary Ab: 1µg/ml Rabbit Anti-Human
 VF Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)

[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.