

**PAC585Hu01**

**Polyclonal Antibody to Urocortin 2 (UCN2)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** 100µL

**Cross Reactivity:** Rat;Porcine;Bovine

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant UCN2 (Val20~Cys112) expressed in *E.coli*

**Accession No.:** RPC585Hu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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 ]**

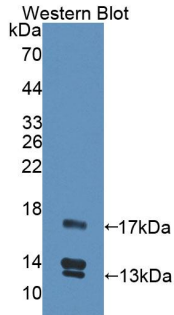
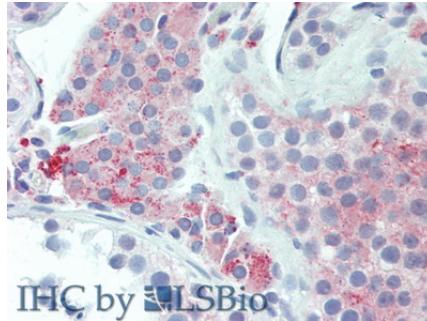
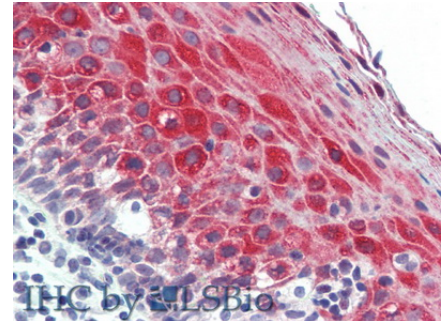


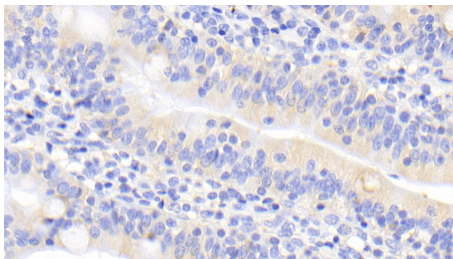
Figure. Western Blot; Sample: Recombinant UCN2, Human.



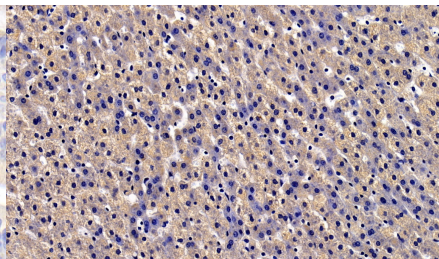
Vector Red staining on IHC-P;  
Samples: Human Testis Tissue;  
Primary Ab: 10µg/ml Rabbit Anti-Human UCN2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



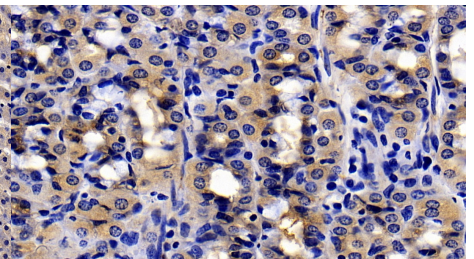
Vector Red staining on IHC-P;  
Samples: Human Tonsil Tissue;  
Primary Ab: 10µg/ml Rabbit Anti-Human UCN2 Antibody  
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



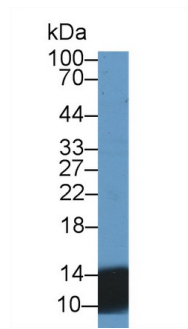
DAB staining on IHC-P;  
Samples: Porcine Small intestine Tissue;  
Primary Ab: 20µg/ml Rabbit Anti-Human UCN2 Antibody  
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



DAB staining on IHC-P;  
Sample: Porcine Liver Tissue;  
Primary Ab: 20µg/ml Rabbit Anti-Human UCN2 Antibody  
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



DAB staining on IHC-P;  
Sample: Porcine Stomach Tissue;  
Primary Ab: 20µg/ml Rabbit Anti-Human UCN2 Antibody  
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



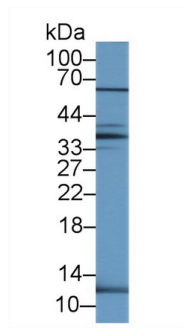
Western Blot; Sample: Human Urine;  
Primary Ab: 2µg/ml Rabbit Anti-Human

UCN2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19) Selected



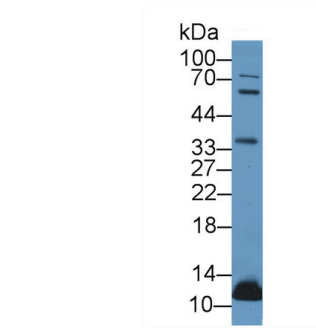
Western Blot; Sample: Bovine Kidney  
lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
UCN2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19) Selected



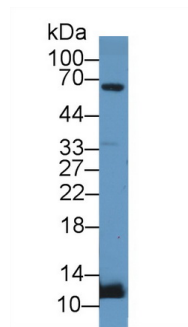
Western Blot; Sample: Porcine Adrenal  
gland lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
UCN2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Sample: Rat Adrenal  
gland lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human  
UCN2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal  
Antibody

(Catalog: SAA544Rb19) Selected

### [ **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.