

For Research Use Only

# Urocortin Polyclonal antibody, PBS Only

Catalog Number: 19731-1-PBS



## Basic Information

### Catalog Number:

19731-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_003353

### GeneID (NCBI):

7349

### UNIPROT ID:

P55089

### Full Name:

urocortin

### Calculated MW:

13 kDa

### Observed MW:

22 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IP, Indirect ELISA

### Species Specificity:

human

## Background Information

Urocortin is a member of the sauvagine/corticotropin-releasing factor/urotensin I family that includes CRF, urotensin I, sauvagine, urocortin II and urocortin III. Urocortin is a potent anorexigenic peptide that induces fed-like motor activity when administered centrally or peripherally in fasted animals. Urocortin is also a potent and long-lasting hypotensive agent and increases coronary blood flow. Urocortin acts in vitro to stimulate the secretion of adrenocorticotrophic hormone (ACTH) and binds with high affinity to CRF receptor types 1, 2-alpha, and 2-beta. Urocortin is synthesized as precursor, which is subsequently processed to the mature biologically active peptide (a 40-amino acid Molecule). The 22 kDa may be a urocortin 1 precursor protein (PMID: 28887029).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

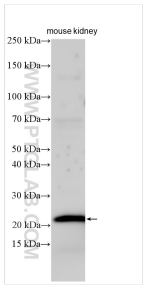
For technical support and original validation data for this product please contact:

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

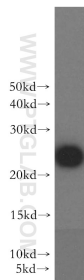
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

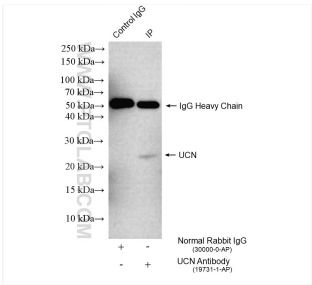
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19731-1-AP (Urocortin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19731-1-PBS in a different storage buffer formulation.



HeLa cells were subjected to SDS PAGE followed by western blot with 19731-1-AP (Urocortin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19731-1-PBS in a different storage buffer formulation.



IP result of anti-Urocortin (IP:19731-1-AP, 4ug; Detection:19731-1-AP 1:1000) with mouse kidney tissue lysate 2160 ug. This data was developed using the same antibody clone with 19731-1-PBS in a different storage buffer formulation.