

For Research Use Only

Urocortin Polyclonal antibody

Catalog Number: 19731-1-AP

1 Publications



Basic Information

Catalog Number:

19731-1-AP

Size:

700 ug/ml

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

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : mouse kidney tissue, HEK-293 cells, HeLa cells, human kidney tissue, human testis tissue

IP : mouse kidney tissue,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaolan Guo	38546882	J Cancer Res Clin Oncol	IHC, WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

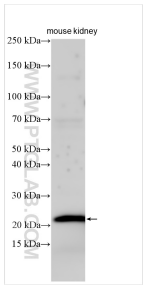
T: 4006900926

E: Proteintech-CN@ptglab.com

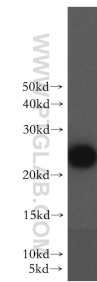
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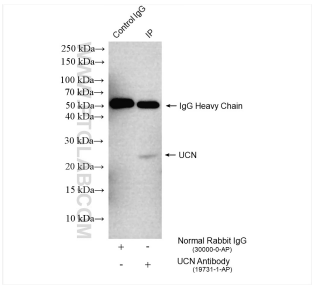
Selected Validation Data



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.



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.



IP result of anti-Urocortin (IP:19731-1-AP, 4ug; Detection:19731-1-AP 1:1000) with mouse kidney tissue lysate 2160 ug.