

For Research Use Only

Urocortin Recombinant antibody

Catalog Number: 84380-1-RR



Basic Information

Catalog Number:

84380-1-RR

Size:

1000 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:

Protein A purification

CloneNo.:

241183B12

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, rat kidney tissue, rat heart tissue

IHC : mouse heart 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).

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:

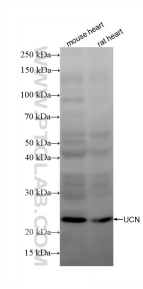
T: 4006900926

E: Proteintech-CN@ptglab.com

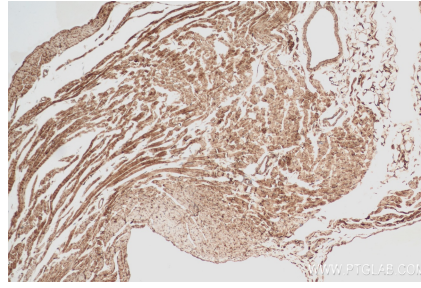
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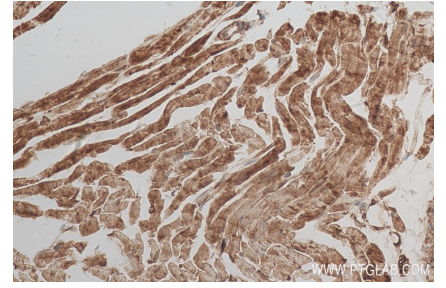
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84380-1-RR (UCN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 84380-1-RR (Urocartin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 84380-1-RR (Urocartin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).