

For Research Use Only

Urocortin Recombinant antibody, PBS Only

Catalog Number: 84380-1-PBS



Basic Information

Catalog Number:

84380-1-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:

Protein A purification

CloneNo.:

241183B12

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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

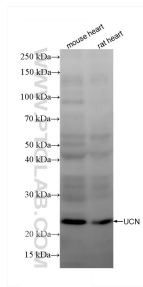
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: 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 84380-1-RR (UCN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84380-1-PBS in a different storage buffer formulation.