

For Research Use Only

Urocortin Polyclonal antibody

Catalog Number: 19731-1-AP



Basic Information

Catalog Number: 19731-1-AP	GenBank Accession Number: NM_003353	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 7349	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: urocortin	
Isotype: IgG	Calculated MW: 13 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, human kidney tissue, human testis tissue
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

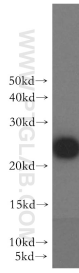
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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Selected Validation Data



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.