

For Research Use Only

# UCN Polyclonal antibody

Catalog Number: 21951-1-AP



## Basic Information

<b>Catalog Number:</b> 21951-1-AP	<b>GenBank Accession Number:</b> BC104470	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7349	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> urocortin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 124 aa, 13 kDa	
<b>Immunogen Catalog Number:</b> AG15995		

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**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:**

IHC : human testis tissue, human lung cancer 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).

## 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**

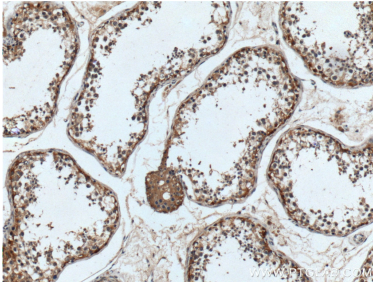
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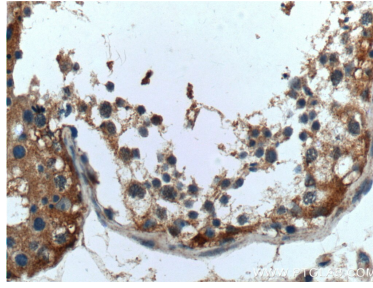
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21951-1-AP (UCN Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21951-1-AP (UCN Antibody) at dilution of 1:200 (under 40x lens).