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**Product Name: Urocortin Rabbit Polyclonal Antibody****Catalog #: APRab19648**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	UCN
<b>Alternative Names</b>	UCN; Urocortin
<b>Gene ID</b>	7349.0
<b>SwissProt ID</b>	P55089
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Urocortin. AA range:71-120

**Background**

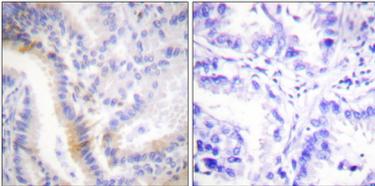
This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family. The encoded preproprotein is

proteolytically processed to generate the mature peptide, an endogenous ligand for both corticotropin-releasing factor receptor 1 and corticotropin-releasing factor receptor 2. In the brain this peptide may be responsible for the effects of stress on appetite. This peptide may also play a role in mood disorders, neurodegeneration, and skeletal system disorders. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin-2. [provided by RefSeq, Feb 2016],function:Acts in vitro to stimulate the secretion of adrenocorticotrophic hormone (ACTH). Binds with high affinity to CRF Receptor types 1, 2-alpha, and 2-beta.,similarity:Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family.,

## Research Area

Cardiovascular; Blood; Neuroscience; Endocrine system; Hypothalamic pituitary adrenal axis; Atherosclerosis; Ischemia / Reperfusion

## Image Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Urocortin Antibody. The picture on the right is blocked with the synthesized peptide.