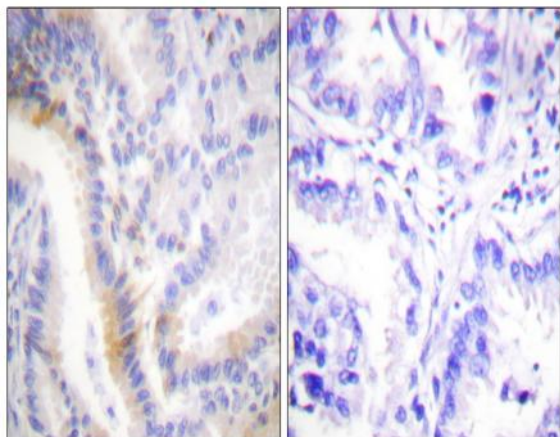


## Urocortin Polyclonal Antibody

|                              |  |
|------------------------------|--|
| <b>Catalog No :</b>          | YT4825   |
| <b>Reactivity :</b>          | Human;Mouse;Rat  |
| <b>Applications :</b>        | IHC;IF;ELISA   |
| <b>Target :</b>              | Urocortin  |
| <b>Fields :</b>              | >>Neuroactive ligand-receptor interaction  |
| <b>Gene Name :</b>           | UCN  |
| <b>Protein Name :</b>        | Urocortin  |
| <b>Human Gene Id :</b>       | 7349   |
| <b>Human Swiss Prot No :</b> | P55089   |
| <b>Mouse Gene Id :</b>       | 22226  |
| <b>Mouse Swiss Prot No :</b> | P81615   |
| <b>Rat Gene Id :</b>         | 29151  |
| <b>Rat Swiss Prot No :</b>   | P55090   |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human Urocortin. AA range:71-120 |
| <b>Specificity :</b>         | Urocortin Polyclonal Antibody detects endogenous levels of Urocortin protein.                        |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                              |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG   |
| <b>Dilution :</b>            | IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200  |

|                               |  |
|-------------------------------|--|
| <b>Purification :</b>         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Concentration :</b>        | 1 mg/ml  |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Do not lower than -25°C)   |
| <b>Molecularweight :</b>      | 13kD   |
| <b>Background :</b>           | 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], |
| <b>Function :</b>             | 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.,   |
| <b>Subcellular Location :</b> | Secreted.  |
| <b>Expression :</b>           | Keratinocytes in epidermis and the outer and inner root sheaths of hair follicles, epithelium of sebaceous and sweat glands, erector pili muscle, cutaneous blood vessel walls, cutaneous nerves and dermal mononuclear cells (PubMed:10690896). Detected in plasma cells in the lamia propria in colon mucosa (PubMed:15531481) (at protein level). Expressed in pituitary and adrenal glands (PubMed:10690896). Detected in plasma cells in the lamia propria in colon mucosa (PubMed:15531481).   |

## Products Images



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