

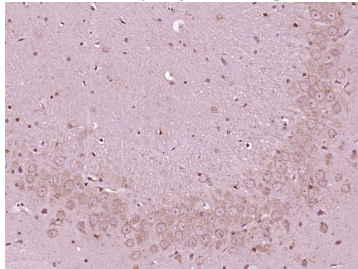
## Anti-Urocortin-3 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 4/18 kDa.
Purification:	Protein A purified

## Applications

Verified Activity: Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Urocortin 3) Polyclonal Antibody, Unconjugated (TMAB-01938) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human UCN3
Antigen Species:	Human
Gene ID:	114131
Uniprot ID:	Q969E3
Synonyms:	SPC;UCN3;Stresscopin;Urocortin-3;Urocortin III (Ucn III)
Biology Area:	Response to hypoxia,Ischemia / Reperfusion,Blood,Hypoxia,Cancer,Heart disease, Neurotrophins,Metabolism,Hormones

## Research Background

Urocortin 3 is a member of the sauvagine/corticotropin-releasing factor/urotensin I family. It is structurally related to the corticotropin-releasing factor (CRF) gene and the encoded product is an endogenous ligand for CRF type 2 receptors. In the brain it may be responsible for the effects of stress on appetite. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin II.

## A DRUG SCREENING EXPERT

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A powerful cytoprotective effect of urocortin peptide administration against ischemia and reperfusion injury has been demonstrated in isolated cardiomyocyte models, as well as in the intact heart both in vitro and in vivo.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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