

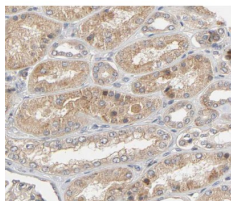
Urocortin Ab

Cat.#: AF0290
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 13kDa
Clonality: Polyclonal

Application:	IHC 1:50-1:200
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	Urocortin Ab detects endogenous levels of Urocortin.
Immunogen:	A synthesized peptide derived from human Urocortin.
Uniprot:	P55089
Description:	UCN 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. Interacts with CRHR1 and CRHR2 (via their N-terminal extracellular domain). Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family.
Subcellular Location:	Secreted.
Tissue Specificity:	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).
Similarity:	Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



AF0290 at 1/100 staining human Kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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