



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Urocortin

Urocortin is a 40-amino acid peptide that in humans is encoded by the UCN gene. It belongs to the corticotropin-releasing factor (CRF) family of proteins which includes CRF, urotensin I, sauvagine, urocortin II and urocortin III. Urocortin is expressed widely in the central and peripheral nervous systems, with a pattern like that of CRF. Areas of similarity between urocortin and CRF expressions include the supraoptic nucleus and the hippocampus. It is also expressed in the median eminence, the Edinger-Westphal nucleus, and the sphenoid nucleus. Additionally, Urocortin is expressed in peripheral tissues such as the heart. It is involved in the mammalian stress response and regulates aspects of appetite and stress response.

This antibody was generated by immunization of rabbits with Urocortin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4286 (Lot A16133)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Asp-Asp-Pro-Pro-Leu-Ser-Ile-Asp-Thr-Phe-His-Leu-Leu-Arg-Thr-Leu-Leu-Glu-Leu-Ala-Arg-Thr-Gln-Ser-Gln-Arg-Glu-Arg-Ala-Glu-Gln-Asn-Arg-Ile-Ile-Phe-Asp-Ser-Val-NH ₂ coupled to carrier protein.
Protein database:	<u>rat-P55090</u>

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Urocortin. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

T-4287: Rabbit anti Urocortin (rt), purified IgG

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.