



BMA BIOMEDICALS



Peninsula Laboratories

T-4764

Rabbit anti Stresscopin Related-Peptide (human)

Stresscopin-related peptide, also known as Urocortin 2 (Ucn 2), is a novel predicted neuropeptide related to corticotropin-releasing factor (CRF). The peptide consisting of 38 amino acid residues was first demonstrated to be expressed centrally and to bind selectively to type 2 CRF receptor (CRFR2). Expression of Ucn 2 transcripts was detected in the olfactory bulb, pituitary, cortex, hypothalamus, and spinal cord.

This antibody was generated by immunization of rabbits with Stresscopin Related-Peptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	017425
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Stresscopin Related-Peptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Hys-Pro-Gly-Ser-Arg-Ile-Val-Leu-Ser-leu-Asp-Val-Pro-Ile-Gly-Leu-Leu-Gln-Ile-Leu-Leu-Glu-Gln-Gln-Ala-Arg-Ala-Arg-Ala-Ala-arg-Glu-Ala-Thr-Thr-Asn-Ala-Arg-Ile-Leu-Ala-Arg-Val-NH ₂ coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Stresscopin Related Peptide (human)	100
Stresscopin (human)	0
Urocortin (human)	0
Urocortin (rat)	0
CRF (human, rat)	0
Urotensin I	0
Sauvagine	0
Urotensin II (human)	0
Urotensin II (goby)	0
Urotensin II (rat)	0
Urotensin II (mouse)	0

Related Products: T-4762: Rabbit anti Stresscopin (hu), purified IgG
 T-4763: Rabbit anti Stresscopin Related Peptide (hu), neat antiserum
 T-4761: Rabbit anti Stresscopin (hu), purified IgG

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4764

rabbit IgG

1.3.2021