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Peninsula Laboratories

Rabbit anti Stresscopin Related-Peptide

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

Catalog Number: T-4764 (Lot 017425)

Clonality: Polyclonal

Host species: Rabbit IgG

Reactivity: Human

Quantity: 400µg

Format: Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.

Reconstitute by adding 0.2ml of distilled water.

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-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-NH2 coupled to carrier protein.

Protein database: n/a

Cross-Reactivity:

PEPTIDE:	%:
Stresscopin Related Peptide (human)	100
Stresscopin (human)	0
Urocortin (human)	0
Urocortin (rat)	0

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Cross-Reactivity:

PEPTIDE:	%:
Urotensin I	0
Sauvagine	0
Urotensin II (human)	0
Urotensin II (goby)	0
Urotensin II (rat)	0
Urotensin II (mouse)	0
CRF (human, rat)	0
Urotensin I	0

Applications:

Tested in ELISA against Stresscopin Related-Peptide and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:
Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

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

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. Not for diagnostic or therapeutic applications.

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