



BMA BIOMEDICALS



Peninsula Laboratories

T-4839

Rabbit anti Cortistatin-29 (human) [UniProt: O00230]

Cortistatin-29 is a neuropeptide that is structurally similar to somatostatin-28. It is produced by cleavage of preprocortistatin to procortistatin, which is cleaved at dibasic amino acids to form cortistatin-29 and cortistatin-14 as well as other partial cleavage products. Cortistatin mRNA is expressed in the human brain and in interneurons of the rat hippocampus and cerebral cortex. It is found at similar levels as cortistatin-14 in mouse AtT20 cells but is secreted at a lower level. Cortistatin-29 corresponds to residues 85-112 of the rat peptide sequence.

This antibody was generated by immunization of rabbits with Cortistatin-29 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A06532
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 Cortistatin-29. 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 Pyr-Glu-Gly-Ala-Pro-Pro-Gln-Gln-Ser-Ala-Arg-Arg-Asp-Arg-Met-Pro-Cys-Arg-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Ser-Ser-Cys-Lys-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Cortistatin-29 (human)	100
Cortistatin-29 (rat)	0
Cortistatin-17 (human)	0
Cortistatin-14 (mouse, rat)	0
Somatostatin-14	0
Somatostatin-28	0
Neurotensin	0

Related Products: T-4772: Rabbit anti Cortistatin-17 (hu), diluted antiserum
T-4773: Rabbit anti Cortistatin-17 (hu), purified IgG
T-4768: Rabbit anti Cortistatin-17 (hu), neat antiserum
T-4740: Rabbit anti Cortistatin-17 (hu), neat antiserum
T-4742: Rabbit anti Cortistatin-17 (rt), neat antiserum

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.

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rabbit IgG

1.3.2021