



BMA BIOMEDICALS



Peninsula Laboratories

Guinea pig anti α -Calcitonin Gene-Related Peptide

α -Calcitonin Gene-Related Peptide (α -CGRP) is a regulatory neuropeptide of 37 amino acids and is formed by the alternative splicing of the calcitonin / CGRP gene located on chromosome 11. It is widely distributed in both the peripheral and central nervous system, predominantly in cell bodies of the dorsal root ganglion (DRG) and it is known to be a potent vasodilator with inotropic and chronotropic effects.

This antibody was generated by immunization of guinea pigs with α -Calcitonin Gene-Related Peptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-5053 (Lot A20PO25065)
Clonality:	Polyclonal
Host species:	Guinea pig
Reactivity:	Canine, mouse, rat
Quantity:	50 μ l
Format:	Neat undiluted antiserum, lyophilized.
	Reconstitute by adding 50 μ l of distilled water. This will give the equivalent of undiluted antiserum. Avoid vortexing.
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-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-NH ₂ , (disulfide bond) coupled to carrier protein.
Protein database:	<u>mouse-Q99JA0</u> , <u>rat-P01256</u>
Applications:	Tested in immunohistochemistry (IHC). Other applications like ELISA, 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-4562: Rabbit anti α -CGRP, purified antiserum
T-4563: Rabbit anti α -CGRP, neat antiserum
S-1234: ELISA high sensitivity for extracted samples
S-1357: ELISA extraction-free for human samples
S-1358: ELISA extraction-free for rat samples

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