BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti β-Calcitonin Gene-Related Peptide

β-Calcitonin Gene-Related Peptide (β-CGRP) is a 37-amino acid peptide involved extensively in regulation of the cardiovascular and nervous systems. β-CGRP contains a disulphide bridge at the N-terminus, a C-terminal phenylalanine amide important for immune recognition, and an a-helix between residues 8 and 18.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4243 (Lot A03251)
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-Ala-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Met-Val-Lys-Ser-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH2, (Disulfide bond) coupled to carrier protein.
Protein database:	human-P10092

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against β-CGRP. 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-4242: anti β-CGRP (hu), purified IgG, host: rabbit
T-4241: anti β-CGRP (hu) diluted antiserum, host: rabbit
S-1200: ELISA, high sensitivity, for extracted samples (hu)

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

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