



BMA BIOMEDICALS



Peninsula Laboratories

T-4459

Rabbit anti Calcitonin N-Terminal Flanking Peptide (human)

Calcitonin N-Terminal Flanking Peptide has been shown to stimulate proliferation of normal and neoplastic human osteoblasts at nanomolar concentrations. It has been demonstrated that intracerebroventricular administration of Calcitonin N-Terminal Flanking Peptide significantly decreased food intake and body weight gain for at least 48 h in conscious, freely moving, and unstressed rats fed ad libitum.

This antibody was generated by immunization of rabbits with Calcitonin N-Terminal Flanking Peptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	015737
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 Calcitonin N-Terminal Flanking 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-Ala-Pro-Phe-Arg-Ser-Ala-Leu-Glu-Ser-Ser-Pro-Ala-Asp-Pro-Ala-Thr-Leu-Ser-Glu-Asp-Glu-Ala-Arg-Leu-Leu-Leu-Ala-Ala-Leu-Val-Gln-Asp-Tyr-Val-Gln-Met-Lys-Ala-Ser-Glu-Leu-Glu-Gln-Glu-Gln-Glu-Arg-Glu-Gly-Ser-Ser-Leu-Asp-Ser-Pro-Arg-Ser-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Calcitonin N-terminal Flanking Peptide (human)	100
Calcitonin N-terminal Flanking Peptide amide (human)	4.5
Calcitonin (human)	0
Calcitonin (salmon I)	0
Calcitonin C-terminal Flanking Peptide (human)	0
α -CGRP (human)	0

Related Products: T-4460: Rabbit anti Calcitonin N-Terminal Flanking Peptide, 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