



BMA BIOMEDICALS



Peninsula Laboratories

T-4594

Rabbit anti pTH (Parathyroid Hormone) (39-68) (human)

Parathyroid Hormone (pTH) (39-68) is a fragment of the full length, 84-amino acid Parathyroid Hormone (PTH). PTH regulates serum calcium levels through its effects in the kidney, intestines, and bones. When serum calcium levels are low, PTH is secreted by the chief cells of the parathyroid gland, stimulating osteoclast activity and bone resorption thus the release of calcium.

This antibody was generated by immunization of rabbits with pTH (39-68) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	970414
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 pTH (39-68). 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-Leu-Ala-Pro-Arg-Asp-Ala-Gly-Ser-Gln-Arg-Pro-Arg-Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-Ser-His-Glu-Lys-Ser-Leu-Gly-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
pTH (39-68) (human)	100
[Asp ⁷⁶] pTH (39-84) (human)	100
pTH (1-84) (human)	100
pTH (1-34) (human)	0
pTH (1-44) (human)	0

Related Products: T-4730: Rabbit anti pTH (39-68), 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.

T-4594

rabbit IgG

1.3.2021