



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Parathyroid Hormone (pTH) (1-34)

Parathyroid Hormone (pTH) (1-34), is a peptide fragment of the naturally occurring human parathyroid hormone and is secreted from cells of the parathyroid glands and finds its major target cells in bone and kidney. It is an important regulator of calcium and phosphorus metabolism, playing a role in calcium homeostasis of bone, kidney, breast, and placenta. pTH (1-34) administration suppresses cardiovascular calcification and down-regulates aortic osteogenic programs driven by diabetes and dyslipidemia.

This antibody was generated by immunization of rabbits with pTH (1-34) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4501 (Lot A06088)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Rat
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-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Ala-Ser-Val-Glu-Arg-Met-Gln-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH (Disulfide bond) coupled to carrier protein.
Protein database:	<u>rat-P04089</u>

Applications:

Tested in immunohistochemistry (IHC) and ELISA against pTH (1-34). 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-4499: anti pTH (1-34) (rt) diluted serum

T-4500: anti pTH (1-34) (rt) purified IgG

S-1415: ELISA, high sensitivity for extracted samples (1-34) (rt)

S-1459: ELISA, extraction-free for serum and plasma samples(1-34)

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