BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti Parathyroid Hormone (pTH) (7-84)

Human Parathyroid Hormone (PTH) is a hormone expressed and secreted as prepro-PTH by chief cells of the parathyroid glands when extracellular calcium levels are low. PTH is co-expressed with furin, the enzyme believed to be responsible for processing pro-PTH to PTH. PTH is secreted as a C-terminal fragment (7-84) when extracellular calcium levels are high, offsetting the effects of pTH. It acts as an antagonist for PTH1R, as well as a possible carboxy-terminus interacting pTH receptor. PTH and truncated pTH fragments play a major role in bone metabolism and calcium homeostasis, as well as renal excretion.

This antibody was generated by immunization of rabbits with Parathyroid Hormone (7-84) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4741 (Lot A14398)
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-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-is-Asn-Phe-Val-Ala-Leu-Gly-Ala-Pro-Leu-Ala-Pro-Arg-Asp-Ala-Glu-Ser-Gln-Arg-Pro-Arg-Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-Ser-His-Glu-Lys-Ser-Leu-Gly-Glu-Ala-Asp-Lys-Ala-Asp-Val-Asn-Val-Leu-Thr-Lys-Ala-Lys-Ser-Gln-OHcoupled to carrier protein.
Protein database:	n/a

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst, Switzerland
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Parathyroid Hormone (7-84). 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-4098: anti pTH (1-34) (hu) neat antiserum
T-4096: anti pTH (1-34) (hu) diluted serum
T-4097: anti pTH (1-34) (hu) purified IgG
S-1178: ELISA, high sensitivity for extracted samples (1-34) (hu)

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

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst, Switzerland
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch