



BMA BIOMEDICALS



Peninsula Laboratories

T- 4512

Rabbit anti pTH-related protein (1-34) (human, rat) [Uniprot:P12272, P13085]

pTH-related protein (1-34), or Parathyroid hormone-related protein, is initially translated as a 177 amino acid protein, which is then cleaved into pTH-related protein (1-34). It contains two helical domains spanning sequence, 13-18 and 20-34, and it is encoded by the pTHLH gene in human. An excessive production of pTH-related protein can cause malignancy-associated hypercalcemia

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A13689
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-related protein (1-34). 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-Val-Ser-Glu-His-Gln-Leu-Leu-His-Asp-Lys-Gly-Lys-Ser-Ile-Gln-Asp-Leu-Arg-Arg-Arg-Phe-Phe-Leu-His-His-Leu-Ile-Ala-Glu-Ile-His-Thr-Ala-OH (Disulfide bond) coupled to carrier protein.

Cross Reactivity:

Peptide:	%:
pTH Related Protein (1-34) (human, rat)	100
pTH Related Protein (1-37) (human, rat)	100
pTH Related Protein (chicken)	100
pTH Related Protein (107-138) (human)	0
pTH Related Protein (109-141) (human)	0
pTH Related Protein (7-34) amide (human, rat)	0
pTH Related Protein (38-64) amide (human)	0
pTH Related Protein (67-86) amide (human, rat)	0
pTH (1-34) (human)	0
pTH (1-84) (human)	0
pTH (1-34) (rat)	0

Related Products: T-4511: anti pTH-related protein (34), diluted antiserum (hu, ms, rt)
S-1227: ELISA, high sensitivity for extracted samples (34)
T-4513: anti pTH-related protein (34), purified IgG (hu, ms, rt)
T-5045: anti pTH-related protein (34), neat antiserum (hu, ms, rt)

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 – hu, rt

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