



BMA BIOMEDICALS



Peninsula Laboratories

T-4515

Rabbit anti (Tyr-36)-pTH-related protein (1-36) (chicken) [UniProt:P17251]

(Tyr-36)-pTH-related protein (1-36) is a recombinant form of a mature N-terminal secretory peptide derived from the pTH-related protein through posttranslational processing with myorelaxant and parathyroid hormone-like calcitropic activities. Its sequence differs significantly from that of pTH (1-34), although both proteins share the same N-terminal end important for the calcitropic activity.

This antibody was generated by immunization of rabbits with (Tyr-36)-pTH-related protein (1-36) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	031098-1
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Diluted antiserum for RIA, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
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 (Tyr-36)-pTH-Related Protein (1-36). 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-Ile-Phe-Leu-Gln-Asn-Leu-Ile-Glu-Gly-Val-Asn-Thr-Ala-Glu-Tyr-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
[Tyr ³⁶]-PTH-Related Protein (chicken)	100
pTH-Related Protein (1-34) (human, rat)	100
pTH (1-84) (human)	0
pTH (1-34) (human)	0
pTH (1-24) (bovine)	0
pTH (1-34) (rat)	0

Related Products: T-4517: anti pTH-related protein (36), neat antiserum (ck)
T-4516: anti pTH-related protein (36), purified IgG (ck)
S-1227: ELISA, high sensitivity for extracted samples (34)
T-4511: anti pTH-related protein (34), diluted antiserum (hu, ms, rt)
T-4512: anti pTH-related protein (34), purified IgG (hu, ms, rt)
T-4513: anti pTH-related protein (34), neat antiserum (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.

T-4515

diluted antiserum –ck

20.10.2020