



BMA BIOMEDICALS



Peninsula Laboratories

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## T- 4516

### Rabbit anti 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 calciotropic activities. Its sequence differs significantly from that of pTH (1-34), although both proteins share the same N-terminal end important for the calciotropic activity.

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

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	015619
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	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.
<b>Stability:</b>	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.
<b>Applications:</b>	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 <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	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 <sub>2</sub> coupled to carrier protein.

## Cross Reactivity:

Peptide:	%:
pTH-related protein (1-36) (chicken)	100
pTH-related protein (1-34) (human)	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-4515: anti pTH-related protein (36), diluted antiserum (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)

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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-4516

rabbit IgG – ck

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