



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti pTH-related protein (1-36)

(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

Catalog Number:	T-4516 (Lot 015619)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Chicken
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
	Reconstitute by adding 0.2ml of distilled water.
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-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.
Protein database:	<u>chicken-P17251</u>

Cross-Reactivity:

PEPTIDE	%
pTH-related protein (1-36) (chicken)	100
pTH-related protein (1-34) (human)	100
pTH (1-84) (human)	0

Cross-Reactivity:

PEPTIDE	%
pTH (1-34) (human)	0
pTH (1-24) (bovine)	0
pTH (1-34) (rat)	0

Applications:

Tested in ELISA against pTH-related protein (1-36) and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:

Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended

Optimal dilutions should be determined by the end user

Please see **www.bma.ch** for protocols and general information

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)

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.