

Product datasheet for **TA364243**

Parathyroid Hormone (PTH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against pTH (39- 68). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Ala-Pro-Leu-Ala-Pro-Arg-Asp-Ala-Gly-Ser-Gln-Arg- Pro-Arg-Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-Ser-His-Glu-Lys-Ser- Leu-Gly-OH coupled to a carrier protein.
Formulation:	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.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Gene Name:	parathyroid hormone
Database Link:	Entrez Gene 5741 Human P01270
Background:	Parathyroid Hormone (pTH) (39-68) is a fragment of the full length, 84-amino acid Parathyroid Hormone (PTH). PTH regulates serum calcium levels through its effects in the kidney, intestines, and bones. When serum calcium levels are low, PTH is secreted by the chief cells of the parathyroid gland, stimulating osteoclast activity and bone resorption thus the release of calcium. This antibody was generated by immunization of rabbits with pTH (39-68) coupled to a carrier protein.
Synonyms:	parathormone; Parathyrin; PTH1



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