

## Product datasheet for **AP02144SU-N**

### Parathyroid Hormone (PTH) (1-34) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 1/3,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Human PTH (aa 1-34) bTG- conjugated.
Specificity:	This antibody detects Human PTH (aa <b>15-25</b> ; 1-34; 1-38; 1-84; 7-84). There were no Cross reactivity obtained with synthetic Human peptide (aa 1-10).
Formulation:	State: Serum State: Lyophilized Serum.
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	parathyroid hormone
Database Link:	<a href="#">Entrez Gene 5741 Human P01270</a>
Background:	Parathyroid hormone is secreted by parathyroid cells. This hormone elevates blood Ca <sup>2+</sup> levels by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH). Most PTH is secreted in its intact, mature 9.5 kDa form, amino acids 1-84; however, it can also be secreted as N-terminal truncated fragments or C-terminal fragments after intracellular degradation, as in case of hypercalcemia. No PTH fragment has been found to be the result of another gene or alternative splicing of the PTH gene.
Synonyms:	Parathormone, Parathyrin
Note:	LocusID 5741



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