

## Product datasheet for **TA364129**

### Growth Hormone (GH1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Human Growth hormone. 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
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:	growth hormone 1
Database Link:	<a href="#">Entrez Gene 2688 Human P01241</a>
Background:	Human Growth hormone (GH), also known as somatotropin, is a 191-amino acid, single-chain polypeptide that is synthesized, stored and secreted by somatotropic cells within the lateral wings of the anterior pituitary gland. It is a peptide hormone that stimulates growth, cell reproduction, and cell regeneration in humans and other animals. Human Growth hormone also stimulates production of IGF-1 and increases the concentration of glucose and free fatty acids. Secretion of Human Growth hormone in the pituitary is regulated by the neurosecretory nuclei of the hypothalamus. This antibody was generated by immunization of rabbits with Human Growth hormone coupled to a carrier protein.
Synonyms:	GH; GH-N; GHN; hGH-N; IGHD1B



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