

Product datasheet for **TA364132**

IGF1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against IGF-I. 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-Gly-Pro-Glu-Thr-Leu-Cys-Gly-Ala-Glu-Leu-Val-Val- Asp-Ala-Leu-Gln-Phe-Val-Cys-Gly-Asp-Arg-Gly-Phe-Tyr-Phe-Asn-Lys- Pro-Thr-Gly-Tyr-Gly-Ser-Ser-Ser-Arg-Arg-Ala-Pro-Gln-Thr-Gly-Ile-Val- Asp-Glu-Cys-Cys-Phe-Arg-Ser-Cys-Asp-Leu-Arg-Arg-Leu-Glu-Met-Tyr- Cys-Ala-Pro-Leu-Lys-Pro-Ala-Lys-Ser-Ala (disulfide bond) 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:	insulin like growth factor 1
Database Link:	Entrez Gene 3479 Human P05019
Background:	Insulin-like Growth Factor I (IGF-I), also known as Somatomedin C, is a hormone similar to insulin. It is produced primarily by the liver as an endocrine hormone, which effects a wide range of cells and plays a key role in cell proliferation and growth. IGF- I is also linked with tumor cell growth, due to its inhibitory effect on apoptosis. This antibody was generated by immunization of rabbits with IGF-I coupled to a carrier protein.
Synonyms:	IBP1; IGF-1; IGF-IA; IGF-IB; IGF1A; IGFI; MGF; OTTHUMP00000195084; Somatomedin-C



[View online »](#)