

Product datasheet for **TA364134**

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-1. 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:	Recombinant 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).
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum; does not contain any 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 1 (IGF-1), also known as Somatomedin C, is a hormone similar to insulin. It is produced primarily by the liver as an endocrine hormone, which affects a wide range of cells and plays a key role in cell proliferation and growth. IGF- 1 is also linked to tumor cell growth, due to its inhibitory effect on apoptosis. This antibody was generated by immunization of rabbits with recombinant IGF-1.
Synonyms:	IBP1; IGF-1; IGF-IA; IGF-IB; IGF1A; IGFI; MGF; OTTHUMP00000195084; Somatomedin-C



[View online »](#)