

## Product datasheet for **TA311185**

### IGF1 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA:1:32000.WB:0.5-2ug/ml.IHC:3.75µg/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Cow, Pig, Rabbit)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RSVRAQRHTD, from the internal region of the protein sequence according to NP_001104753.1; NP_001104754.1; NP_001104755.1; NP_000609.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	insulin like growth factor 1
Database Link:	<a href="#">NP_001104753</a> <a href="#">Entrez Gene 16000 Mouse</a> <a href="#">Entrez Gene 24482 Rat</a> <a href="#">Entrez Gene 610255 Dog</a> <a href="#">Entrez Gene 3479 Human</a> <a href="#">P05019</a>
Synonyms:	IGF-I; IGF1; MGF
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways:	Dilated cardiomyopathy, Focal adhesion, Glioma, Hypertrophic cardiomyopathy (HCM), Long-term depression, Melanoma, mTOR signaling pathway, Oocyte meiosis, p53 signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer



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**Product images:**

(0.5ug/ml) staining of Human Uterus lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.