

Product datasheet for TA348004

IGF1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500-1:2000

Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-IGF1 antibody: A synthesized peptide derived from human IGF1

Formulation: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%

glycerol. Store at -20?. Stable for 12 months from date of receipt

Concentration: lot specific

Purification: Immunogen affinity purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 22 kDa

Gene Name: insulin like growth factor 1

Database Link: NP 000609

Entrez Gene 16000 MouseEntrez Gene 24482 RatEntrez Gene 3479 Human

P05019

Background: The insulin-like growth factors, isolated from plasma, are structurally and functionally related

to insulin but have a much higher growth-promoting activity. May be a physiological regulator

of [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblasts.

Stimulates glucose transport in rat bone-derived osteoblastic (PyMS) cells and is effective at much lower concentrations than insulin, not only regarding glycogen and DNA synthesis but

also with regard to enhancing glucose uptake.

Synonyms: IGF-I; IGFI; MGF



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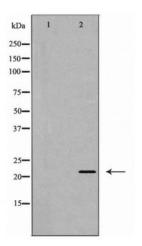
Note: IGF1 antibody detects endogenous levels of total IGF1

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

Product images:



Western blot analysis of IGF1 expression in Human uterus lysate