

Anti-IGF2 antibody



Description	Unconjugated Rabbit polyclonal to IGF2
Model	STJ191865
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	3481
Gene Symbol	IGF2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	IGF2 Polyclonal Antibody detects endogenous levels of protein.
Purification	IGF2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Insulin-like growth factor II IGF-II Somatomedin-A T3M-11-derived growth factor Insulin-like growth factor II Insulin-like growth factor II Ala-25 Del Preptin
Molecular Weight	19 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5466OMIM:147470
Alternative Names	Insulin-like growth factor II IGF-II Somatomedin-A T3M-11-derived growth factor Insulin-like growth factor II Insulin-like growth factor II Ala-25 Del Preptin
Function	The insulin-like growth factors possess growth-promoting activity. In vitro, they are potent mitogens for cultured cells. IGF-II is influenced by placental lactogen and may play a role in fetal development.; Preptin undergoes glucose-mediated co-secretion with insulin, and acts as physiological amplifier of glucose-mediated insulin secretion. Exhibits osteogenic properties by increasing osteoblast mitogenic activity through phosphoactivation of MAPK1 and MAPK3.
Cellular Localization	Secreted
Post-translational Modifications	O-glycosylated with core 1 or possibly core 8 glycans. Thr-96 is a minor glycosylation site compared to Thr-99. Proteolytically processed by PCSK4, proIGF2 is cleaved at Arg-128 and Arg-92 to generate big-IGF2 and mature IGF2.

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