

Product datasheet for **AP02104SU-S**

Igf1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, R, WB
Recommended Dilution:	RIA. EIA. Western blot. Immunohistochemistry.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Human Insulin-like Growth Factor-1 (= Somatomedin C)
Specificity:	This antibody detects IGF-1. Slight cross reaction with IGF-2 (< 0.9%).
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	insulin-like growth factor 1
Database Link:	Entrez Gene 3479 Human P05017
Background:	Insulin is a pancreatic hormone that regulates glucose uptake and the synthesis of protein and fat. The insulin like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth promoting activity. IGF1 (Insulin Like Growth Factor I) is a polypeptide growth factor, which stimulates the proliferation of a wide range of cell types including muscle, bone, and cartilage tissue. IGF1 functions as an autocrine regulator of growth.



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Synonyms: IGF-I, IBP1, Somatomedin

Note: LocusID 3479