

IGF 1 Antibody Biotin Conjugated

Catalog No: #C00008B

Package Size: #C00008B 100ul

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Description

Product Name	IGF 1 Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 67-90 195 derived from human IGF-1
Conjugates	Biotin
Target Name	IGF 1
Other Names	IGFI; IGF-I; IGF1A; Insulin-like growth factor I; Mechano growth factor; MGF; Somatomedin-C; IGF1; IBP1
Cell Localization	Secreted
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

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. May play a role in synapse maturation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.