

IGF1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 17kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human IGF1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

IGF1;IGF1A;IGFI ;

Catalog #: A0303

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3479

Isotype: IgG

Swiss Prot: P05019

Purity: Affinity purification

For research use only.

Background:

IGF1, also named as IBP1, MGF, IGF-IA and Somatomedin-C, belongs to the insulin family. IGF1 is structurally and functionally related to insulin but have a much higher growth-promoting activity. Altered expression or mutation of IGF1 is associated with several human disorders, including type I diabetes and various forms of cancer. Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) which is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation. The antibody is specific to isoform IGF1A.

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