

Product Datasheet

IGF1 Antibody

Catalog No: CY5422

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



Information

UniProt ID: P05019

All Names: IGF1;IGF1A;IGFI; MGF; Somatomedin C; Insulin like growth factor 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human IGF1

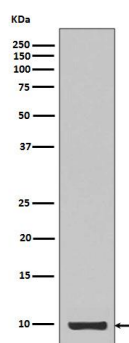
Molecular Wt.: 10 kDa

Application

WB: 1:1000~1:10000

Background

IGF1, also named as IBP1, MGF, IGF-1A 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 IGF-1 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 IGF-1A.



Western blot analysis of IGF1 expression in Human IGF 1 recombinant protein.

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