

IGF1 Polyclonal Antibody

Catalog Number:E-AB-70301

Note: Centrifuge before opening to ensure complete recovery of vial contents.

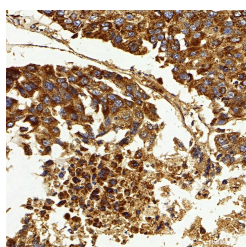
Description

Reactivity	Human
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse IGF1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

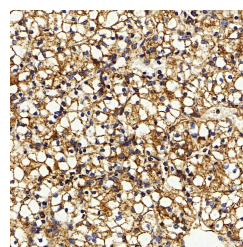
Applications Recommended Dilution

IHC	1:300-1:1000
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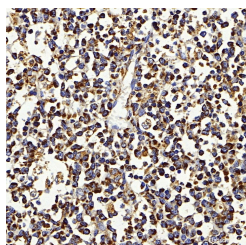
Data



Immunohistochemistry analysis of paraffin-embedded human liver cancer using IGF1 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human kidney cancer using IGF1 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human lymph nodes cancer using IGF1 Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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