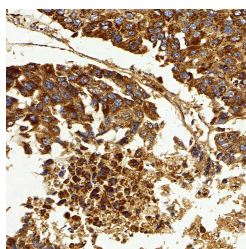


## IGF1 Polyclonal Antibody

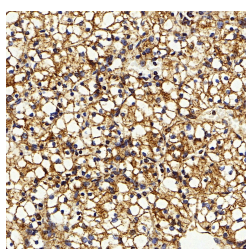
<b>Catalog No.</b>	E-AB-70301	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC	<b>Isotype</b>	IgG

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

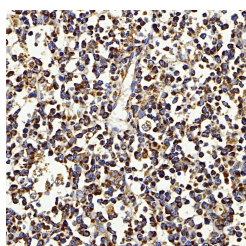
### Images



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.

### Immunogen Information

<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse IGF1
<b>Swissprot</b>	P05017
<b>Synonyms</b>	IGF1,IGF-I, IGF1A,IGFI,MGF, insulin like growth factor 1

### Product Information

<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	IHC 1:300-1:1000

### 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 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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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.