

## IGF-1 Rabbit pAb

CatalogNo: YT2288

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, IF, ELISA

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**IHC** 1:100-1:300

**ELISA** 1:10000

**IF** 1:50-200

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human IGF-I. AA range:100-149

**Specificity** IGF-I Polyclonal Antibody detects endogenous levels of IGF-I protein.

### Target Information

**Gene name** IGF1 IBP1

**Protein Name** Insulin-like growth factor I

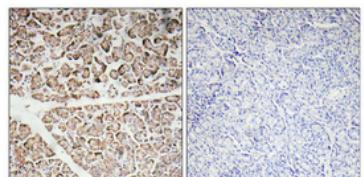
Organism	Gene ID	UniProt ID
Human	<a href="#">3479</a> ;	<a href="#">P05019</a> ;
Mouse	<a href="#">16000</a> ;	
Rat	<a href="#">24482</a> ;	<a href="#">P08025</a> ;

**Cellular Localization** extracellular region,extracellular space,plasma membrane,insulin-like growth factor binding protein complex,platelet alpha granule lumen,alphav-beta3 integrin-IGF-1-IGF1R complex,insulin-like growth factor ternary complex,exocytic vesicle,

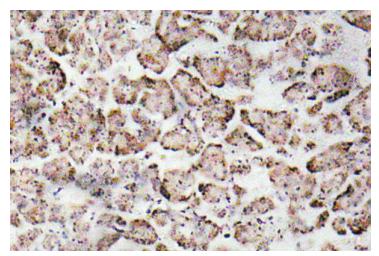
**Tissue specificity** Brain,Liver,PCR rescued clones,

**Function** Disease:Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) [MIM:608747]. IGF1 deficiency is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation.,Function:The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity.,online information:Insulin-like growth factor 1 entry,online information:The Singapore human mutation and polymorphism database,similarity:Belongs to the insulin family.,

## Validation Data



Immunohistochemical analysis of paraffin-embedded Human pancreas. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of IGF-I antibody in paraffin-embedded human pancreas tissue.

## Contact information

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**IGF-1 Rabbit pAb**

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