

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

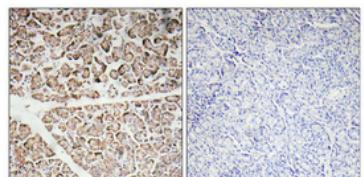
Organism	Gene ID	UniProt ID
Human	3479 ;	P05019 ;
Mouse	16000 ;	
Rat	24482 ;	P08025 ;

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,

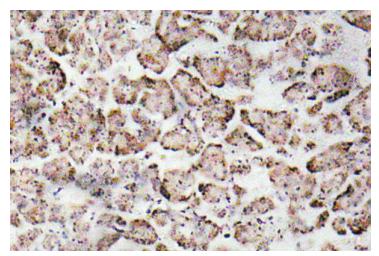
Tissue specificity Brain,Liver,PCR rescued clones,

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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Please scan the QR code
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product information:
IGF-1 Rabbit pAb

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