

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

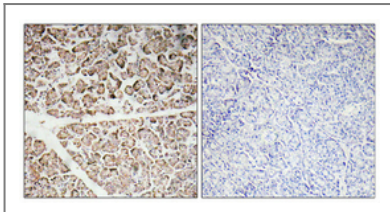
Organism	Gene ID	UniProt ID
Human	3479;	P05019;
Mouse	16000;	
Rat	24482;	P08025;

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 ,

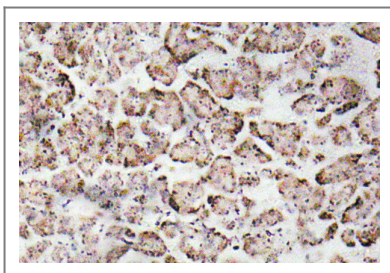
Tissue specificity Brain ,Liver ,PCR rescued clones ,

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°C 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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