ELK Biotechnology

IGF-I rabbit pAb

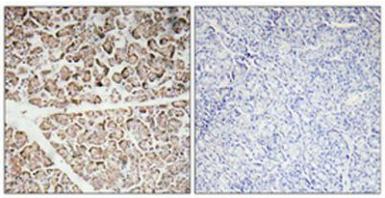
Cat No.:ES5845

For research use only

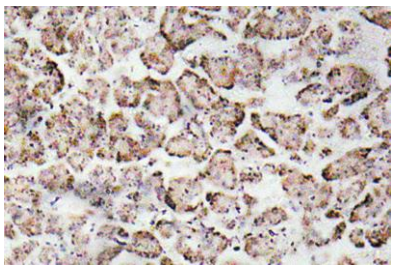
Overview

Product Name	IGF-I rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Insulin-like growth factor I
Gene Name	IGF1
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,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3479
Human Swiss-Prot Number	P01343/P05019
Alternative Names	IBP1; IGF-IA; IGF1A; IGFI; insulin-like growth factor 1; insulin-like growth factor IA; mechano growth factor; MGF; somatomedin C
Background	The protein encoded by this gene is similar to insulin

in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015],



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. Negetive contrl (right) obtaned from antibody was pre-absorbed b



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