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Datasheet for ABIN7248317

anti-Insulin C-Peptide antibody

1 Image

Overview

Quantity:	200 µL
Target:	Insulin C-Peptide
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Insulin C-Peptide antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human INS(C-peptide)
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Insulin C-Peptide
Alternative Name:	INS(C-peptide) (Insulin C-Peptide Products)
Background:	Insulin is a peptide hormone, produced by beta cells of the pancreas, and is central to regulating carbohydrate and fat metabolism in the body. It participates in glucose utilization, protein synthesis and in the formation and storage of neutral lipids. Insulin is synthesized as a precursor molecule, proinsulin, which is processed prior to secretion. A- and B-peptides are

Target Details

joined together by a disulfide bond to form insulin, while the central portion of the precursor molecule is cleaved and released as the C-peptide. Defects in insulin results in type 1 diabetes mellitus. Insulin may also exist 36 kDa form corresponding to the hexameric insulin form.

UniProt: [P01308](#)

Application Details

Application Notes: IHC 1:50-1:100, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.08 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

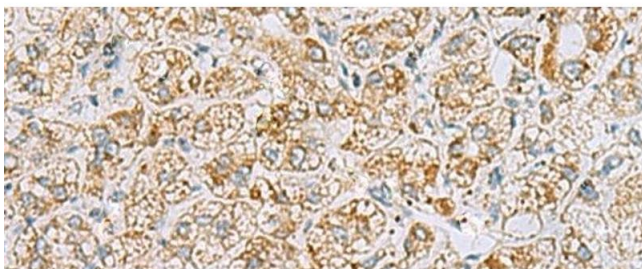
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using INS(C-peptide) Polyclonal Antibody at dilution of 1:40(x200)