
Insulin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250720

Unit: 0.1 mg

Description:

Insulin is a pancreatic hormone that regulates glucose and is involved in the synthesis of proteins and fat. Insulin increases cell permeability to monosaccharides, amino acids, and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. Insulin is a heterodimer of a B chain and A chain linked by two disulfide bonds. Defects in Insulin are the cause of familial hyperproinsulinemia. Insulin is available under brand names Humulin or Humalog (Eli Lilly) and Novolin (Novo Nordisk) when used for the treatment of diabetes.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Insulin; Insulin-1; Insulin-1 B chain; Insulin-1 A chain; INS; Ins1; Ins-1

Accession No.: P01325

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse Insulin.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Zhang T. et al. 2010 Endocrinology. 151(5):2030-2039. PMID# 20215568.

For research use only, not for diagnostic or therapeutic procedures.