

Rabbit anti-Human Insulin B Chain Polyclonal Antibody | anti-INS antibody

Insulin B Chain Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111131	Rabbit	Human	ELISA

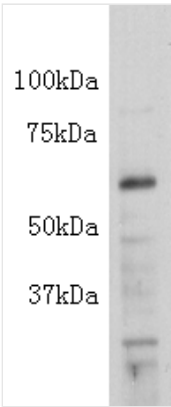
PRODUCT SYNONYMS

Insulin B Chain; Polyclonal Antibody; Insulin B Chain Antibody; anti-INS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to the residues of human ALP.
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Concentration	100ul, 0.53mg/ml (varies by lot)
Sequence Length	110
Applicable Applications for anti-INS antibody	ELISA
Preservative	0.05% Sodium Azide.
Cellular Localization	Secreted
Source Note	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to human insulin B chain.
Positive Control	Recombinant Human Insulin B Chain
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Insulin is a hormone with extensive effects on both metabolism and several other body systems. It causes most of the body's cells to take up glucose from the blood (including liver, muscle, and fat tissue cells), storing it as glycogen in the liver and muscle, and stops use of fat as an energy source. Insulin is synthesized as a precursor molecule, proinsulin, which is processed prior to its secretion. A and B-peptides are 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.
References	1. Ezra E., Blacher R., Udenfriend S.; "Purification and partial sequencing of human placental alkaline phosphatase."; Biochem. Biophys. Res. Commun. 116:1076-1083(1983). 2. Garattini E., Hua J.-C., Pan Y.C.E., Udenfriend S.; "Human liver alkaline phosphatase, purification and partial sequencing: homology with the placental isozyme."; Arch. Biochem. Biophys. 245:331-337(1986).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557671
NCBI GeneID	3630
NCBI Accession #	NP_000198.1
NCBI GenBank Nucleotide #	NM_000207.2
UniProt Accession #	P01308; Q5EEX2
Molecular Weight	12kDa
NCBI Official Full Name	insulin preproprotein
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Official Synonym Symbols	IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.