9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

INS polyclonal antibody

Catalog Number: PAB30238

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant human INS.

Immunogen: Recombinant protein corresponding to amino acids of human INS.

Sequence:
SHLVEALYLVCGERGFFYTPKTRREAEDLQVGQVELG GGPGAGSLQPLALEGSLQKRGIVEQCCTSICSLYQLE NYC

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000)
Western Blot (1:100-1:250)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3630

Gene Symbol: INS

Gene Alias: ILPR, IRDN

Gene Summary: After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into two chains (peptide A and peptide B) that are covalently linked via two disulfide bonds. Binding of this mature form of insulin to the insulin receptor (INSR) stimulates glucose uptake. A variety of mutant alleles with changes in the coding region have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. [provided by RefSeq]