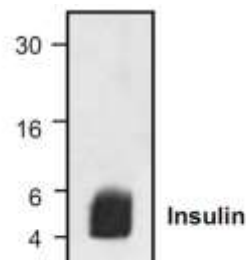


Anti-Insulin Polyclonal Antibody

CATALOG NO:	5772-30T 30 µg (Trial size) 5772-100 100 µg
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	<i>E. coli</i> expressed recombinant human Insulin (Cat. No. 4772-25)
INTERNAL ID:	BV- 602
HOST:	Rabbit
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified rabbit IgG
FORMULATION:	Supplied in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
STORAGE CONDITIONS:	Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	Insulin is important in stimulating the uptake of glucose from blood in the skeletal muscle and adipose tissue. It is secreted by pancreatic β cells through a glucose sensing pathway. Insulin also increases cell permeability to monosaccharides, amino acids and fatty acids. Insulin is first formed as a precursor molecule, preproinsulin which is then processed into proinsulin and finally to the mature insulin hormone. A mature form of insulin has an A chain and a B chain that are connected by two disulfide bonds. Defects in insulin are the cause of type-II diabetes mellitus.
APPLICATION:	Western blot: 0.5-4 µg/ml Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis
using recombinant human

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- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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