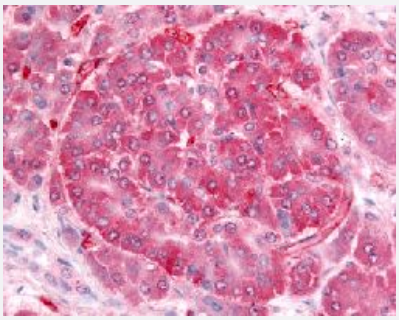
INSR polyclonal antibody

Catalog # PAB16515 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human pancreas (islet of langerhans) with INSR polyclonal antibody (Cat # PAB16515).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of INSR.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human INSR.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	Internal domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human pancreas (islet of langerhans) with INSR polyclonal antibody (Cat # PAB16515).

Gene Info — INSR

Entrez GeneID	3643
Protein Accession#	P06213
Gene Name	INSR
Gene Alias	CD220, HHF5
Gene Description	insulin receptor
Omim ID	147670 246200 262190 609968 610549
Gene Ontology	Hyperlink
Gene Summary	After removal of the precursor signal peptide, the insulin receptor precursor is post-translationally cleaved into two chains (alpha and beta) that are covalently linked. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. Two transcript variants encoding different isoforms ha ve been found for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Adherens junction
- Insulin signaling pathway
- Type II diabetes mellitus

Disease

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- Acanthosis Nigricans
- Adenomatous Polyps
- Anorexia Nervosa
- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Bulimia
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Genetic Predisposition to Disease
- Hepatitis
- Hyperandrogenism
- Hypercholesterolemia
- Hyperinsulinism
- Hypertension
- Hypertriglyceridemia
- Insulin Resistance

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- Kidney Failure
- Lung Neoplasms
- Metabolic Syndrome X
- Migraine Disorders
- Migraine with Aura
- Myocardial Infarction
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Prostatic Neoplasms
- Puberty
- Pulmonary Disease
- Thinness
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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