

IGF1R polyclonal antibody

Catalog # PAB16190 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant IGF1R.
Immunogen	Recombinant protein corresponding to extracellular region of human IGF1R.
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Recommend Usage	ELISA (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IGF1R

Entrez GeneID	3480
Gene Name	IGF1R
Gene Alias	CD221, IGFI, JTK13, MGC142170, MGC142172, MGC18216
Gene Description	insulin-like growth factor 1 receptor

Omim ID [147370](#)

Gene Ontology [Hyperlink](#)

Gene Summary This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. [provided by RefSeq]

Other Designations soluble IGF1R variant 1|soluble IGF1R variant 2

Pathway

- [Adherens junction](#)
- [Colorectal cancer](#)
- [Endocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Long-term depression](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Aneuploidy](#)
- [Atherosclerosis](#)

- [Bacteremia](#)
- [Barrett Esophagus](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)

- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Growth Disorders](#)
- [Head and Neck Neoplasms](#)
- [Hyperplasia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)

- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Retinopathy of Prematurity](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Spinal Diseases](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)