

IGFBP3 rabbit monoclonal antibody

Catalog # H00003486-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IGFBP3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IGFBP3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human IGFBP3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — IGFBP3

Entrez GeneID	3486
GeneBank Accession#	IGFBP3
Gene Name	IGFBP3
Gene Alias	BP-53, IBP3
Gene Description	insulin-like growth factor binding protein 3
Omim ID	146732
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encode s a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary c omplex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth fa ctor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering t heir interaction with cell surface receptors. Alternate transcriptional splice variants, encoding differ ent isoforms, have been characterized. [provided by RefSeq]
Other Designations	IGF-binding protein 3 acid stable subunit of the 140 K IGF complex binding protein 29 binding prot ein 53 growth hormone-dependent binding protein

Pathway

- [p53 signaling pathway](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)

- [Anoxia](#)
- [Atherosclerosis](#)
- [Barrett Esophagus](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Dwarfism](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Esophagitis](#)
- [Femur Head Necrosis](#)
- [Fetal Diseases](#)
- [Fetal Growth Retardation](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Hyperplasia](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laron Syndrome](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Muscular Diseases](#)
- [Musculoskeletal Diseases](#)
- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteonecrosis](#)

- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Pancreatic Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Thyroid Diseases](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)