

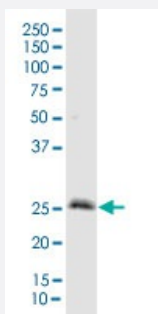
MaxPab®

IGFBP3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003486-D01P

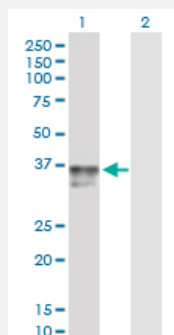
Size 100 ug

Applications



Western Blot (Cell lysate)

IGFBP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of IGFBP3 expression in 293T.

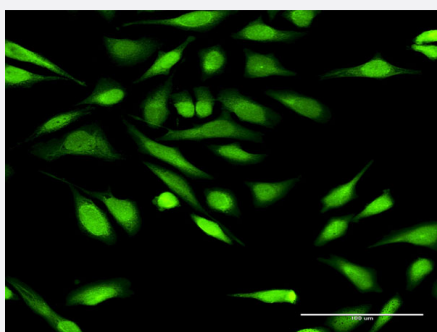


Western Blot (Transfected lysate)

Western Blot analysis of IGFBP3 expression in transfected 293T cell line ([H00003486-T01](#)) by IGFBP3 MaxPab polyclonal antibody.

Lane 1: IGFBP3 transfected lysate(31.70 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to IGFBP3 on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human IGFBP3 protein.

Immunogen	IGFBP3 (AAH64987.1, 1 a.a. ~ 291 a.a) full-length human protein.
Sequence	MQRARPTLWAAALTLVLLRGPPVARAGASSAGLGPVVRCEPCDARALAQCAPPPAVCAELVR EPGCGCCLTCALSEGQPCGIYTERCGSLRCQPSPDEARPLQALLDGRGLCVNASAVSRLRAYL LPAPPAPGNASESEEDRSAGSVESPSVSSTHRVSDPKFHPLHSKIIIIKKGHAKDSQRYKVDYESQ STDQTQNFSSSESKRETEYGPCRREMEDTLNHLKFLNLVLSPRGVHIPNCDKKGFYKKKQCRPSKGR KRGFCWCVDKYGQPLPGYTTKGKEDVHCYSMQSK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

IGFBP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of IGFBP3 expression in 293.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IGFBP3 expression in transfected 293T cell line ([H00003486-T01](#)) by IGFBP3 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to IGFBP3 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — IGFBP3

Entrez GeneID [3486](#)

GeneBank Accession# [NM_000598](#)

Protein Accession#	AAH64987.1
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

Publication Reference

- [G721-0282 exerts anxiolytic-like effects on chronic unpredictable mild stress in mice through inhibition of CHI3L1-mediated neuroinflammation.](#)

Hyeon Joo Ham, Yong Sun Lee, Hee Pom Lee, Jaesung Cho, Young Wan Ham, Kwang Soo Lee, Jaesuk Yun, Sang Bae Han, Jin Tae Hong.

British Journal of Pharmacology 2021 Aug; 178(15):3079.

Application: WB-Ce, Mouse , BV-2 cells

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](#)