

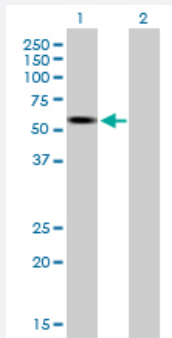
MaxPab®

TCF7L2 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006934-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TCF7L2 expression in transfected 293T cell line ([H00006934-T02](#)) by TCF7L2 MaxPab polyclonal antibody.

Lane 1: TCF7L2 transfected lysate(50.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TCF7L2 protein.
Immunogen	TCF7L2 (AAH32656.1, 1 a.a. ~ 455 a.a) full-length human protein.
Sequence	MPQLNGGGGDDLGANDELISFKDEGEQEEKSSENSSAERDLADV KSSLVNESETNQNSSSDSE AERRPPRSESF RDKSRESLEEA AKRQDGGLFKGPPYPGYPFIMPDLTSPYLPNGSLSP TARTYL QMKWPLLDVQAGSLQSRQALKDARSPSPAHVSNKVPVVQHPHHVHPLTPLITYSNEHFTPGNP PPHLPADVDPKTGIPRPPHPPDISPYPLSPGTVGQIPHPLGWQGGQPVYPITTGGFRHPYPTALT NASMSRFPPHMVPPHHTLHTTGIPHPAIVTPTVKQESSQSDVGSLHSSKHQDSKKEEEKKKPHIK KPLNAFMLYMKEMRAKVVAECTLKESAAINQILGRRWHALSREEQAKYYELARKERQLHMQLYPG WSARDNYGKKKKRKRDKQPGETNEHSECFLNPCLSLPPITGEKKSAFATYKVKAAASAHPLQME AY
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — TCF7L2

Entrez GeneID	6934
GeneBank Accession#	BC032656.1
Protein Accession#	AAH32656.1
Gene Name	TCF7L2
Gene Alias	TCF-4, TCF4
Gene Description	transcription factor 7-like 2 (T-cell specific, HMG-box)
Omim ID	125853 602228
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a high mobility group (HMG) box-containing transcription factor that plays a key role in the Wnt signaling pathway. The protein has been implicated in blood glucose homeostasis. Genetic variants of this gene are associated with increased risk of type 2 diabetes
Other Designations	OTTHUMP00000020496 transcription factor 7-like 2

Pathway

- [Acute myeloid leukemia](#)
- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Basal cell carcinoma](#)

- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Thyroid cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Adenoma](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Fatty Liver](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Growth Disorders](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)

- [Kidney Failure](#)
- [Macular Degeneration](#)
- [Malnutrition](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Neoplasms](#)
- [Overweight](#)
- [Pancreatitis](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Prediabetic State](#)
- [Pregnancy Complications](#)
- [Pregnancy in Diabetics](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Starvation](#)
- [Taste](#)
- [Thinness](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)