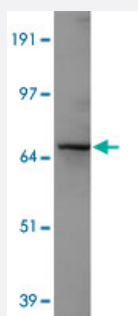


TCF7L2 polyclonal antibody

Catalog # PAB15508 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot of Jurkat cell lysate with TCF7L2 polyclonal antibody (Cat # PAB15508).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TCF7L2.
Immunogen	A synthetic peptide corresponding to amino acids 150-200 of human TCF7L2.
Host	Rabbit
Reactivity	Bovine, Human, Mouse
Specificity	Immunogen has 93% homology to mouse and bovine proteins. This antibody is useful for Western blot, where a band is seen ~55 KDa.
Form	Liquid
Recommend Usage	Western Blot (0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (30% glycerol, 0.09% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot of Jurkat cell lysate with TCF7L2 polyclonal antibody (Cat # PAB15508).

Gene Info — TCF7L2

Entrez GeneID	6934
Protein Accession#	Q9NQB0
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

Publication Reference

- [TCF-4 binds beta-catenin and is expressed in distinct regions of the embryonic brain and limbs.](#)

Cho EA, Dressler GR.

Mechanisms of Development 1998 Sep; 77(1):9.

Application: IF, Mouse, Monkey, COS, NIH/3T3 cells

- [Depletion of epithelial stem-cell compartments in the small intestine of mice lacking Tcf-4.](#)

Korinek V, Barker N, Moerer P, van Donselaar E, Huls G, Peters PJ, Clevers H.

Nature Genetics 1998 Aug; 19(4):379.

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](#)