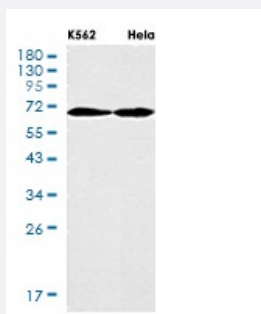


RecomAb™

TCF7L2 recombinant monoclonal antibody, clone R09-1D1

Catalog # RAB01203 Size 100 uL

Applications



Western Blot

Western blot analysis of TCF4 in K562, HeLa lysates using Transcription Factor 7 Like 2 antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TCF7L2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TCF-4.
Theoretical MW (kDa)	Calculated MW: 68 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and 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

Western blot analysis of TCF4 in K562, Hela lysates using Transcription Factor 7 Like 2 antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

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

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](#)