

Datasheet for ABIN7270887
anti-TCF7L2 antibody (AA 1-100)



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1 Image

Overview

Quantity:	100 µL
Target:	TCF7L2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF7L2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TCF4/TCF7L2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human TCF4/TCF7L2 (NP_001139756.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TCF7L2
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Target Details

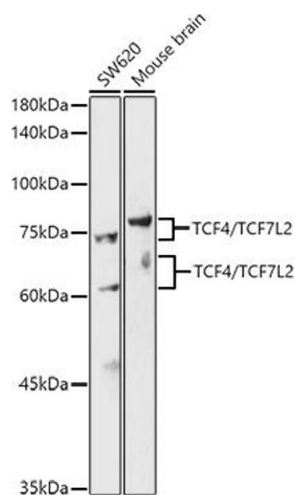
Alternative Name:	TCF7L2 (TCF7L2 Products)
Background:	This gene encodes a high mobility group (HMG) box-containing transcription factor that plays a key role in the Wnt signaling pathway. The protein has been implicated in blood glucose homeostasis. Genetic variants of this gene are associated with increased risk of type 2 diabetes. Several transcript variants encoding multiple different isoforms have been found for this gene.[provided by RefSeq, Oct 2010],TCF-4,TCF4,TCF7L2,Apoptosis,Cardiovascular,Cell Biology & Developmental Biology,Endocrine & Metabolism,Endocrine and metabolic diseases,Endocrine and metabolic diseases_Diabetes,Endocrine and metabolic diseases_Metabolic disorders,Endocrine and metabolic diseases_Obesity,Epigenetics & Nuclear Signaling,Stem Cells,Transcription Factors,Wnt/ β -Catenin Signaling Pathway,TCF7L2
Molecular Weight:	68kDa
Gene ID:	6934
UniProt:	Q9NQB0
Pathways:	WNT Signaling , Positive Regulation of Peptide Hormone Secretion , Peptide Hormone Metabolism , Regulation of Hormone Metabolic Process , Carbohydrate Homeostasis , Stem Cell Maintenance , Protein targeting to Nucleus

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TCF4/TCF7L2 antibody (ABIN7270887) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.