

Product datasheet for **AP54203PU-N**

TCF7L2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 60-90 amino acids from the N-terminal region of human TCF7L2
Specificity:	This antibody detects TCF7L2 (N-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transcription factor 7 like 2
Database Link:	Entrez Gene 21416 Mouse Entrez Gene 6934 Human Q9NQBO
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.



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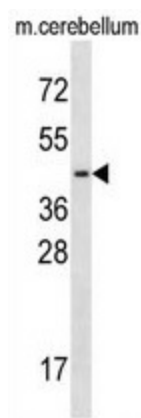
Synonyms: Transcription factor 7-like 2, T-cell-specific transcription factor 4, TCF4, TCF-4

Note: **Molecular Weight:** 51kd Isoform 9. 67919 Da

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: 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

Product images:



TCF7L2 Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35 ug/lane). This demonstrates the TCF7L2 antibody detected the TCF7L2 protein (arrow).