



Anti-TCF7L1 (aa 489-586) polyclonal antibody (DPAB-DC3412)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the T cell factor/lymphoid enhancer factor family of transcription factors. These transcription factors are activated by beta catenin, mediate the Wnt signaling pathway and are antagonized by the transforming growth factor beta signaling pathway. The encoded protein contains a high mobility group-box DNA binding domain and participates in the regulation of cell cycle genes and cellular senescence.
Immunogen	TCF7L1 (NP_112573, 489 a.a. ~ 586 a.a) partial recombinant protein with GST tag. The sequence is PAAPAATHSEQAQPLSLTTKPETRAQLALHSAFLSAKAAASSSGQMGSQPPLLSRPLPL GSMPTALLASPPSFPATLHAHQALPVLQAQPLSLVTKS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TCF7L1 transcription factor 7-like 1 (T-cell specific, HMG-box) [Homo sapiens (human)]
Official Symbol	TCF7L1
Synonyms	TCF7L1; transcription factor 7-like 1 (T-cell specific, HMG-box); TCF3; TCF-3; transcription factor 7-like 1; HMG box transcription factor 3;
Entrez Gene ID	83439
Protein Refseq	NP_112573
UniProt ID	Q9HCS4
Chromosome Location	2p11.2
Pathway	Acute myeloid leukemia; Adherens junction; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC)
Function	DNA binding; beta-catenin binding; chromatin binding; sequence-specific DNA binding