

Product datasheet for **TA326945**

TCF4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human TCF4
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transcription factor 4
Database Link:	NP_003190 Entrez Gene 21413 Mouse Entrez Gene 84382 Rat Entrez Gene 6925 Human P15884

Background: LEF1 and TCF are members of the high mobility group (HMG) DNA binding protein family of transcription factors that consists of the following: Lymphoid Enhancer Factor 1 (LEF1), T Cell Factor 1 (TCF1), TCF3, and TCF4. LEF1 and TCF1 were originally identified as important factors regulating early lymphoid development and act downstream in Wnt signaling. LEF1 and TCF bind to Wnt response elements to provide docking sites for β -catenin, which translocates to the nucleus to promote the transcription of target genes upon activation of Wnt signaling. LEF1 and TCF are dynamically expressed during development and aberrant activation of the Wnt signaling pathway is involved in many types of cancers including colon cancer.



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Synonyms: bHLHb19; E2-2; FECD3; ITF-2; ITF2; PTHS; SEF-2; SEF2; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; TCF-4

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors