



TCF4 Polyclonal Antibody

E91141

Catalog Number: E91141

Amount: 100ul

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 (1). LEF1 and TCF1 were originally identified as important factors regulating early lymphoid development (2) 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 (3). 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 (4,5).

Species: Rabbit

Isotype: IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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

Immunogen: Recombinant protein of human TCF4

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

Molecular Weight: 71kDa

Swiss-Prot No. : P15884

Gene ID: 6925

References: 1. Waterman, M.L. (2004) Cancer Metastasis Rev. 23, 41-52. 2. Schilham, M.W. and Clevers, H. (1998) Semin. Immunol. 10, 127-132. 3. Brantjes, H. et al. (2002) Biol. Chem. 383, 255-261. 4. Reya, T. and Clevers, H. (2005) Nature 434, 843-850. 5. Logan, C.Y. and Nusse, R. (2004) Annu. Rev. Cell Dev. Biol. 20, 781-810.

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