

产品名称: TCF-3 Rabbit Polyclonal Antibody
产品货号: APRab18733



产品概述 (Summary)

产品名称 (Production Name)	TCF-3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TCF7L1
别名 (Alternative Names)	TCF7L1; TCF3; Transcription factor 7-like 1; HMG box transcription factor 3; TCF-3
基因 ID (Gene ID)	83439.0
蛋白 ID (SwissProt ID)	Q9HCS4.The antiserum was produced against synthesized peptide derived from human TCF7L1. AA range:321-370

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	63kDa

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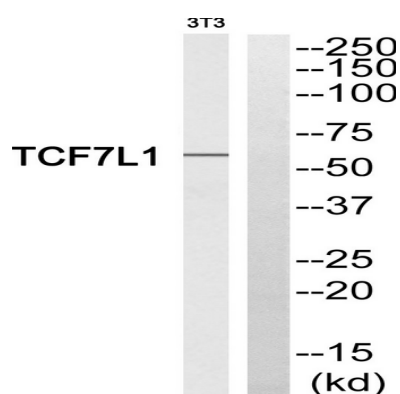
研究背景 (Background)

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. [provided by RefSeq, Nov 2010],domain:The putative Groucho interaction domain between the N-terminal CTNNB1 binding domain and the HMG-box is necessary for repression of the transactivation mediated by TCF7L1 and CTNNB1.,function:Participates in the Wnt signaling pathway. Binds to DNA and acts as a repressor in the absence of CTNNB1, and as an activator in its presence. Necessary for the terminal differentiation of epidermal cells, the formation of keratohyalin granules and the development of the barrier function of the epidermis (By similarity). Down-regulates NQO1, leading to increased mitomycin c resistance.,similarity:Belongs to the TCF/LEF family.,similarity:Contains 1 HMG box DNA-binding domain.,subunit:Binds the armadillo repeat of CTNNB1 and forms a stable complex.,tissue specificity:Detected in hair follicles and skin keratinocytes, and at lower levels in stomach epithelium.,

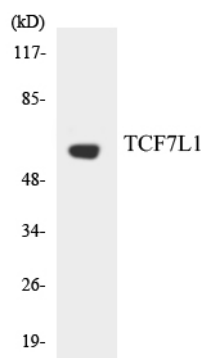
研究领域 (Research Area)

Stem cell pathway; Adherens_Junction; Protein_Acetylation

图片 (Image Data)



Western blot analysis of TCF7L1 Antibody. The lane on the right is blocked with the TCF7L1 peptide.



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Western blot analysis of the lysates from HUVECcells using TCF7L1 antibody.

注意事项 (Note)

For research use only .