

产品名称: TCF-1 Rabbit Polyclonal Antibody
产品货号: APRab18728



产品概述 (Summary)

产品名称 (Production Name)	TCF-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	TCF7
别名 (Alternative Names)	TCF7; TCF1; Transcription factor 7; TCF-7; T-cell-specific transcription factor 1; T-cell factor 1; TCF-1
基因 ID (Gene ID)	6932.0
蛋白 ID (SwissProt ID)	P36402.The antiserum was produced against synthesized peptide derived from human TCF7. AA range:10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	42kDa

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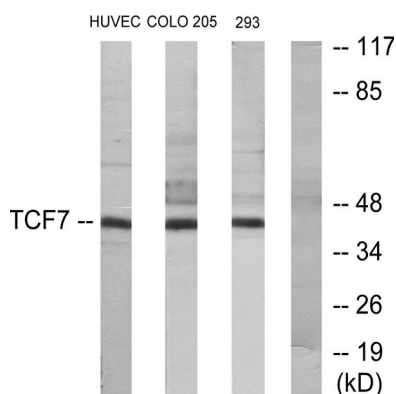
研究背景 (Background)

alternative products: 2 series of isoforms, L and S, are produced by use of alternative promoter usage. Additional isoforms seem to exist, function: Transcriptional activator involved in T-cell lymphocyte differentiation. Necessary for the survival of CD4(+) CD8(+) immature thymocytes. Isoforms lacking the N-terminal CTNNB1 binding domain cannot fulfill this role. Binds to the T-lymphocyte-specific enhancer element (5'-WWCAAAG-3') found in the promoter of the CD3E gene. May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1, induction: By TCF7L2 and CTNNB1, sequence caution: Wrong choice of frame, 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. Interacts with AES, TLE1, TLE2, TLE3 and TLE4, tissue specificity: Predominantly in T-cells. Also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium, alternative products: 2 series of isoforms, L and S, are produced by use of alternative promoter usage. Additional isoforms seem to exist, function: Transcriptional activator involved in T-cell lymphocyte differentiation. Necessary for the survival of CD4(+) CD8(+) immature thymocytes. Isoforms lacking the N-terminal CTNNB1 binding domain cannot fulfill this role. Binds to the T-lymphocyte-specific enhancer element (5'-WWCAAAG-3') found in the promoter of the CD3E gene. May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1, induction: By TCF7L2 and CTNNB1, sequence caution: Wrong choice of frame, 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. Interacts with AES, TLE1, TLE2, TLE3 and TLE4, tissue specificity: Predominantly in T-cells. Also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium,

研究领域 (Research Area)

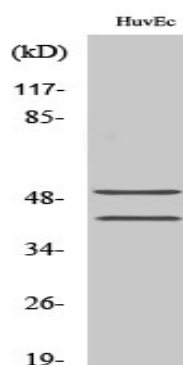
Stem cell pathway; WNT; WNT-T CELL; β -Catenin; Protein_Acetylation

图片 (Image Data)



Western blot analysis of lysates from HUVEC, COLO205, and 293 cells, using TCF7 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using TCF-1 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute
TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .