

TCF-1 Polyclonal Antibody

Catalog # AP72760

Specification

TCF-1 Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P36402

Reactivity Human, Mouse

Host Rabbit Clonality Polyclonal

TCF-1 Polyclonal Antibody - Additional Information

Gene ID 6932

Other Names

TCF7; TCF1; Transcription factor 7; TCF-7; T-cell-specific transcription factor 1; T-cell factor 1; TCF-1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TCF-1 Polyclonal Antibody - Protein Information

Name TCF7 (<u>HGNC:11639</u>)

Synonyms TCF1

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. Represses expression of the T-cell receptor gamma gene in alpha-beta T- cell lineages (By similarity). Required for the development of natural killer receptor-positive lymphoid tissue inducer T-cells (By similarity). TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1. May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes.

Cellular Location

Nucleus.



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Tissue Location

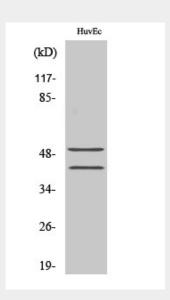
Predominantly expressed in T-cells. Also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium

TCF-1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TCF-1 Polyclonal Antibody - Images



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

TCF-1 Polyclonal Antibody - Background

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