

42-1524: Anti-TCF7/TCF1 Polyclonal Antibody(Discontinued)

Clonality :	Polyclonal
Application :	IHC, WB
Reactivity :	Human
Gene :	TCF7
Gene ID :	6932
Uniprot ID :	P36402
Format :	Purified
Alternative Name :	T-cell-specific transcription factor 1, Transcription factor 7, TCF7
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide from the C-terminal of Human TCF7 (284-384 aa) was used as immunogen.

Description

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.

Product Info

Amount :	100 µg
Purification :	Protein A
Content :	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB (1:1000); IHC (1:50); optimal dilutions for assays should be determined by the user.

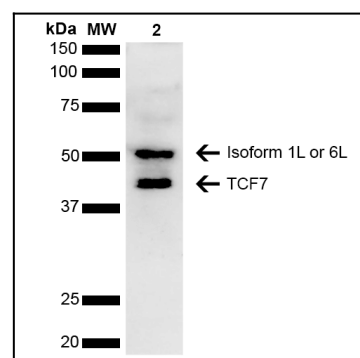


Fig-1: Western blot analysis of TCF-1 antibody. Anti- TCF-1 was used at 1:1000 dilution on Hela lysate.

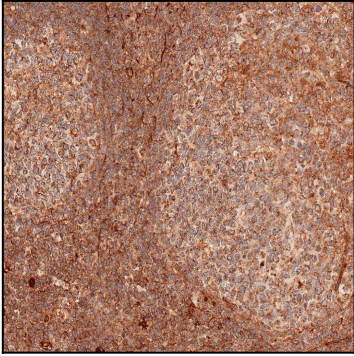


Fig-2: Immunohistochemical analysis of TCF-1 in human Tonsil tissue using TCF-1 antibody at 1:50 dilutions.