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# anti-TCF7 antibody

**Images** 



#### Overview

Quantity:	100 μL
Target:	TCF7
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	TCF7 Antibody detects endogenous levels of total TCF7
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

#### **Target Details**

Target:	TCF7
Alternative Name:	TCF7 (TCF7 Products)
Background:	Description: Transcriptional activator involved in T-cell lymphocyte differentiation. Necessary

for the survival of CD4+ CD8+ immature thymocytes. Isoforms lacking the N-termin	nal 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.		
Gene: TCF7		

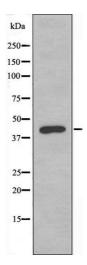
Molecular Weight:	42 kDa
Gene ID:	6932
UniProt:	P36402
Pathways:	WNT Signaling

## Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



### **Western Blotting**

**Image 1.** Western blot analysis of extracts from HUVEC cells using TCF7 antibody.



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6274245 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.