

**Product Name: Transcription Factor 7 Like 2 Rabbit  
Polyclonal Antibody  
Catalog #: APRab00093**

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## Summary

<b>Production Name</b>	Transcription Factor 7 Like 2 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	TCF7L2
<b>Alternative Names</b>	TCF7L2; HMG box transcription factor 4; HTCF-4; T-cell factor-4 variant X2; T-cell factor 4; Transcription factor 7-like 2; TCF-4
<b>Gene ID</b>	6934
<b>SwissProt ID</b>	Q9NQB0

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
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**Molecular Weight**

Calculated MW: 68 kDa; Observed MW: 68 kDa

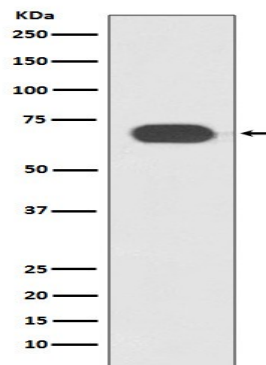
**Background**

Participates in the Wnt signaling pathway and modulates MYC expression by binding to its promoter in a sequence-specific manner. Acts as repressor in the absence of CTNNB1, and as activator in its presence. Activates transcription from promoters with several copies of the Tcf motif 5'-CCTTTGATC-3' in the presence of CTNNB1. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7L2/TCF4 and CTNNB1.

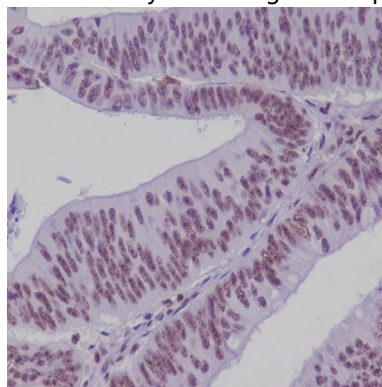
**Research Area**

Epigenetics and Nuclear Signaling

**Image Data**



Western blot analysis of TCF7L2 in Jurkat lysates using Transcription Factor 7 Like 2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colonic cancer using TCF7L2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

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For research use only.