Product Name: **Transcription Factor 7 Like 2 Rabbit Polyclonal Antibody**
Catalog #: **APRab00093**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 68 kDa; Observed MW: 68 kDa

Antigen Information

Gene Name	TCF7L2
Alternative Names	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
Gene ID	6934
SwissProt ID	Q9NQB0
Immunogen	

Background

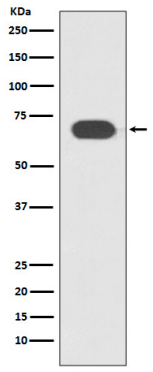
Participates in the Wnt signaling pathway and modulates MYC expression by binding to its promoter in a sequence-specific

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.

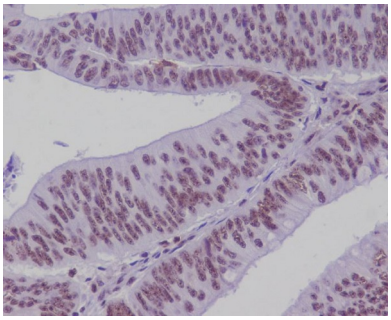
Research Area

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.