

TCF7L2

Reactivity:Human

Tested applications:WB IHC IF IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50 IP 1:20 - 1:50

Calculated MW:68kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human TCF7L2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bkt

Synonym:

TCF4; TCF-4;

Catalog #:A1380

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6934

Isotype:IgG

Swiss Prot:Q9NQB0

Purity:Affinity purification

For research use only.

Background:

TCF4 (HMG box transcription factor 4) is a member of the lymphoid enhancer factor family of transcription factors. Essential during development, along with beta catenin and Bcl 9, TCF4 participates in the Wnt signaling thru transactivation of downstreams genes (1). Commonly found in intestinal epithelium, TCF4 is required in the maintenance of crypt stem cell compartments of small intestines (2). Mutation in TCF4 has implicated in colorectal cancer and high expression of TCF4 variants has been linked in increased risk of type II diabetes (3).

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