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TCF7 (N) Antibody, Rabbit Polyclonal

Cat#: R0183-1

Quantity: 100 ul

Predicted | Observed M.W.: 42 | 53 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P36402

Background:

Transcription factor 7 (TCF7) belongs to the TCF/LEF family of transcription factors. TCF7 is a transcriptional activator involved in T-cell lymphocyte differentiation and is necessary for the survival of CD4⁺ CD8⁺ immature thymocytes. TCF7 binds to the T-lymphocyte-specific enhancer element (5'-WWCAAAG-3') found in the promoter of the CD3E gene. TCF7 may also act as a feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes.

Other Names:

T-cell-specific transcription factor 1, TCF1, TCF-1, Transcription factor 7

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TCF7. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

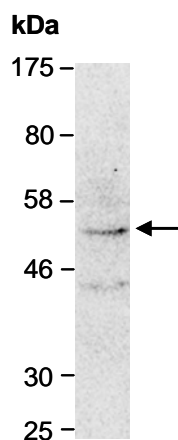


Fig 1. Western blot of total cell extracts from mouse thymus, using Ab (R0183-1) at RT for 2 h.