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TCF4 (C) Antibody, Rabbit Polyclonal

Cat#: R3266-2

Quantity: 100 ul

Predicted | Observed M.W.: 71 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P15884

Background:

Transcription factor 4 (TCF4) is a transcription factor that binds to the immunoglobulin enhancer Mu-E5/KE5-motif, and is involved in the initiation of neuronal differentiation. TCF4 activates transcription by binding to the E box (5'-CANNTG-3'). TCF4 binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription. TCF4 preferentially binds to either 5'-ACANNTGT-3' or 5'-CCANNTGG-3'.

Other Names:

Transcription factor 4, TCF-4, Class B basic helix-loop-helix protein 19, bHLHb19, Immunoglobulin transcription factor 2, ITF-2, SL3-3 enhancer factor 2, SEF-2, BHLHB19, ITF2, SEF2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of human TCF4. 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

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:

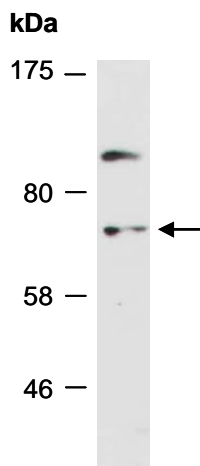


Fig 1. Western blot of total cell extracts from human Jurkat; using anti-TCF4 (C) (R3266-2) at RT for 2 h.