

## E2F1

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**47kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human E2F1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bk

**Synonym:**

E2F-1;RBAP1;RBBP3;RBP3;

**Catalog #:**A0051

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1869

**Isotype:**IgG

**Swiss Prot:**Q01094

**Purity:**Affinity purification

For research use only.

**Background:**

DNA tumor viruses appear to have transforming activity due to their binding and inactivating to the RB1 gene products, and transcription facotr E2F, which is first identified as a DNA-binding protein essential for E1A-dependent activation of the adenovirus E2 promoter. The complex DRTF1/E2F involves in the control of cell-cycle progression from G1 to S phase. E2F1, one of E2F preferentially binds to RB1 protein in a cell-cycle dependent manner. It mediates both cell proliferation and p53-dependent apoptosis.

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