

E2F1

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 factor 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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