

E2F1 Ab

[Images\(2\)](#)

Cat.#: AF4091	Concn.: ~1mg/ml	Mol.Wt.: 47,70kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500
 *The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse

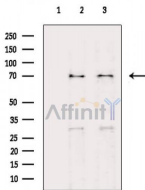
Storage: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human E2F1, corresponding to a region within C-terminal amino acids.

Uniprot: Q01094

Description: Transcription activator that binds DNA cooperatively with dp proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-1 binds preferentially RB1 protein, in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent apoptosis. P53 and E2F-1 cooperate to mediate apoptosis.



Western blot analysis of extracts from various samples, using E2F1 Ab.
 Lane 1: Mouse brain, blocked with antigen-specific peptides,
 Lane 2: Mouse brain,
 Lane 3: 293 cells.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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