

## 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

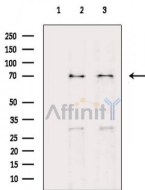
**Storage:** Supplied at 1.0mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**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.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.