

E2F1 Rabbit mAb
Catalog # AP76849**Specification****E2F1 Rabbit mAb - Product Information**

Application	WB, IHC, IF, IP
Primary Accession	Q01094
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46920

E2F1 Rabbit mAb - Additional Information

Gene ID 1869

Other Names

E2F1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

IP~~1/20

Format

Liquid

E2F1 Rabbit mAb - Protein Information**Name** E2F1 {ECO:0000303|PubMed:8964493, ECO:0000312|HGNC:HGNC:3113}**Function**

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 (PubMed:[10675335](http://www.uniprot.org/citations/10675335), PubMed:[12717439](http://www.uniprot.org/citations/12717439), PubMed:[17050006](http://www.uniprot.org/citations/17050006), PubMed:[17704056](http://www.uniprot.org/citations/17704056), PubMed:[18625225](http://www.uniprot.org/citations/18625225), PubMed:[28992046](http://www.uniprot.org/citations/28992046)). The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase (PubMed:[10675335](http://www.uniprot.org/citations/10675335), PubMed:[12717439](http://www.uniprot.org/citations/12717439), PubMed:[17704056](http://www.uniprot.org/citations/17704056)). E2F1 binds preferentially RB1 in a cell-cycle dependent manner (PubMed:[10675335](http://www.uniprot.org/citations/10675335), PubMed:[10675335](http://www.uniprot.org/citations/10675335), PubMed:[10675335](http://www.uniprot.org/citations/10675335)).

<http://www.uniprot.org/citations/12717439> target="_blank">12717439, PubMed:17704056). It can mediate both cell proliferation and TP53/p53- dependent apoptosis (PubMed:8170954). Blocks adipocyte differentiation by binding to specific promoters repressing CEBPA binding to its target gene promoters (PubMed:20176812). Directly activates transcription of PEG10 (PubMed:17050006, PubMed:18625225, PubMed:28992046). Positively regulates transcription of RRP1B (PubMed:20040599).

Cellular Location

Nucleus

E2F1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

E2F1 Rabbit mAb - Images



