



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

#### Cellular Location

Nucleus

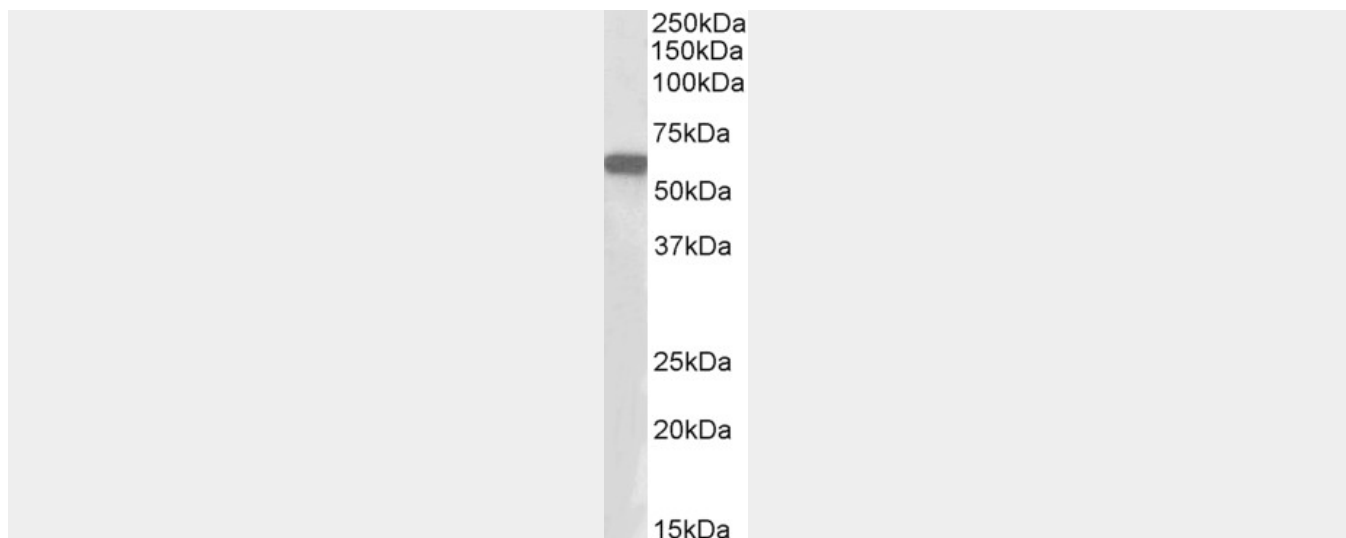
#### Transcription factor E2F1 (aa314-327) Antibody (internal region) - Protocols

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](#)

#### Transcription factor E2F1 (aa314-327) Antibody (internal region) - Images





AF4033a (1  $\mu\text{g/ml}$ ) staining of HeLa nuclear lysate (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### **Transcription factor E2F1 (aa314-327) Antibody (internal region) - References**

c-Myc and E2F1 drive PBK/TOPK expression in high-grade malignant lymphomas. Hu F, Gartenhaus RB, Zhao XF, Fang HB, Minkove S, Poss DE, Rapoport AP. *Leukemia research* 2013 Apr 37 (4): 447-54. PMID: 23237560