

**Product Name: E2F-3 (Acetyl-Lys168) Rabbit Polyclonal Antibody**  
**Catalog #: APRab06185**



## Summary

<b>Production Name</b>	E2F-3 (Acetyl-Lys168) Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human:K168,Mouse:K160,Rat:K161

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Acetyl Antibody
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	PBS, pH 7.4, containing 0.02% New type preservative N as Preservative and 50% Glycerol.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	E2F3 KIAA0075
<b>Alternative Names</b>	E2F3 KIAA0075
<b>Gene ID</b>	1871.0
<b>SwissProt ID</b>	O00716.Synthesized acetyl-peptide from human protein at AA range: 130-200

## Application

<b>Dilution Ratio</b>	WB 1:500-10000 ELISA: 1:10000
<b>Molecular Weight</b>	50kD

## Background

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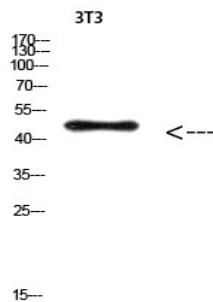


This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle. Altered copy number and activity of this gene have been observed in a number of human cancers. There are pseudogenes for this gene on chromosomes 2 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013],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. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-3 binds specifically to RB1 protein, in a cell-cycle dependent manner.,similarity:Belongs to the E2F/DP family.,subunit:Component of the DRTF1/E2F transcription factor complex. Binds cooperatively with DP-1 to E2F sites. Interacts with retinoblastoma protein RB1 and related proteins (such as RBL1) that inhibit the E2F transactivation domain. Binds EAPP.,

## Research Area

Cell\_Cycle\_G1S;Cell\_Cycle\_G2M\_DNA;Pathways in cancer;Pancreatic cancer;Glioma;Prostate cancer;Melanoma;Bladder cancer;Chronic myeloid leukemia;Small cell lung cancer;Non-small cell lung cancer;

## Image Data



Western Blot analysis of 3T3 cells using Antibody diluted at 500. Secondary antibody was diluted at 1:20000

## Note

For research use only.