



# E2F-1 (Acetyl Lys120) rabbit pAb

Cat No.:ES8446

For research use only

## Overview

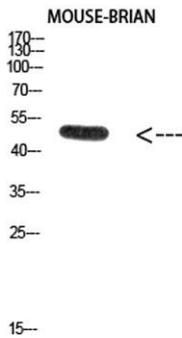
<b>Product Name</b>	E2F-1 (Acetyl Lys120) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human:K120;Mouse:K115;Rat:K118
<b>Recommended dilutions</b>	WB: 1:500-10000 ELISA: 1:10000
<b>Immunogen</b>	Synthesized acetyl-peptide from human protein at AA range: 100-170
<b>Specificity</b>	This antibody detects endogenous levels of E2F-1 at Human:K120;Mouse:K115;Rat:K118, It doesn't react with total protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	E2F transcription factor 1
<b>Gene Name</b>	E2F1 RBBP3
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	60kD
<b>Human Gene ID</b>	1869
<b>Human Swiss-Prot Number</b>	Q01094
<b>Alternative Names</b>	E2F1 RBBP3
<b>Background</b>	The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a





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DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein and another 2 members, E2F2 and E2F3, have an additional cyclin binding domain. This protein binds preferentially to retinoblastoma protein pRB in a cell-cycle dependent manner. It can media



Western Blot analysis of MOUSE-BRIAN cells using Antibody diluted at 2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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