

**E2F-4 (Acetyl Lys96) rabbit pAb****Cat#: orb763975 (Manual)**

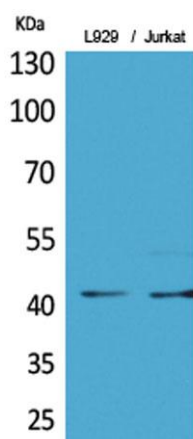
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	E2F-4 (Acetyl Lys96) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized Acetyl-peptide derived from human E2F4 around the Acetylation site of Lys96. AA range:61-110
<b>Specificity</b>	Acetyl-E2F-4 (K96) Polyclonal Antibody detects endogenous levels of E2F-4 protein only when acetylated at K96.
<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>	Transcription factor E2F4
<b>Gene Name</b>	E2F4
<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

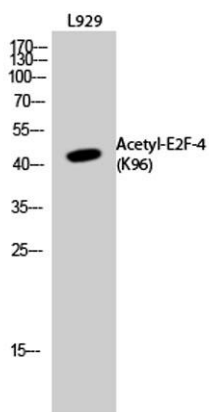
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	43kD
<b>Human Gene ID</b>	1874
<b>Human Swiss-Prot Number</b>	Q16254
<b>Alternative Names</b>	E2F4; Transcription factor E2F4; E2F-4

### Background

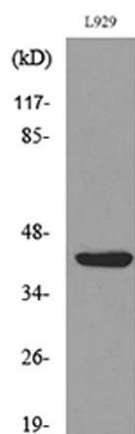
The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a 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 binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated ge



**Western Blot analysis of L929, Jurkat cells using Acetyl-E2F-4 (K96) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



**Western Blot analysis of L929 cells using Acetyl-E2F-4 (K96) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



**Western blot analysis of lysate from L929 cells, using E2F4 (Acetyl-Lys96) Antibody.**