

**Elf-4 rabbit pAb****Cat#: orb767967 (Manual)**

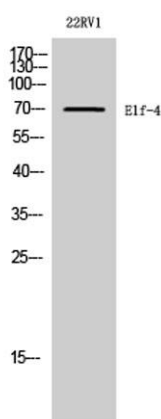
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<b>Product Name</b>	Elf-4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ELF4. AA range:178-227
<b>Specificity</b>	Elf-4 Polyclonal Antibody detects endogenous levels of Elf-4 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>	ETS-related transcription factor Elf-4
<b>Gene Name</b>	ELF4
<b>Cellular localization</b>	Nucleus, PML body . Accumulation into PML nuclear bodies is mediated by PML.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

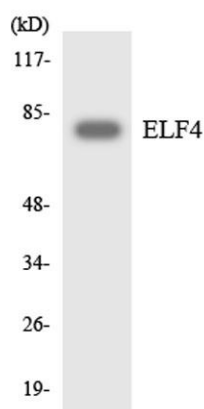
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	70kD
<b>Human Gene ID</b>	2000
<b>Human Swiss-Prot Number</b>	Q99607
<b>Alternative Names</b>	ELF4; ELFR; MEF; ETS-related transcription factor Elf-4; E74-like factor 4; Myeloid Elf-1-like factor

### Background

The protein encoded by this gene is a transcriptional activator that binds and activates the promoters of the CSF2, IL3, IL8, and PRF1 genes. The encoded protein is involved in natural killer cell development and function, innate immunity, and induction of cell cycle arrest in naive CD8<sup>+</sup> cells. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Jan 2010],



**Western Blot analysis of 22RV1 cells using Elf-4 Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).**



**Western blot analysis of the lysates from RAW264.7 cells using ELF4 antibody.**