

产品名称: Elf-4 Rabbit Polyclonal Antibody
产品货号: AP Rab10402



产品概述 (Summary)

产品名称 (Production Name)	Elf-4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ELF4
别名 (Alternative Names)	ELF4; ELFR; MEF; ETS-related transcription factor Elf-4; E74-like factor 4; Myeloid Elf-1-like factor
基因 ID (Gene ID)	2000.0
蛋白 ID (SwissProt ID)	Q99607.The antiserum was produced against synthesized peptide derived from human ELF4. AA range:178-227

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	70kDa

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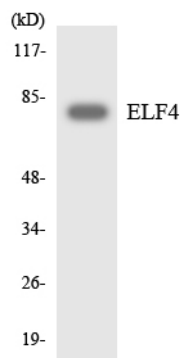


研究背景 (Background)

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+ cells. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Jan 2010],function:Transcriptional activator that binds to DNA sequences containing the consensus 5'-WGGA-3'. Transactivates promoters of the hematopoietic growth factor genes CSF2, IL3, IL8, and of the bovine lysozyme gene. Acts synergistically with RUNX1 to transactivate the IL3 promoter. Also transactivates the PRF1 promoter in natural killer (NK) cells. Plays a role in the development and function of NK and NK T-cells and in innate immunity.,induction:By ponisterone A in erythroleukemia cells.,similarity:Belongs to the ETS family.,similarity:Contains 1 ETS DNA-binding domain.,subcellular location:Accumulation into PML nuclear bodies is mediated by PML.,subunit:Interacts via an N-terminal region with the RUNX1 Runt domain. Interacts via its C-terminus with PML; this interaction enhances ELF4 transactivation of the bovine lysozyme gene.,tissue specificity:Abundantly expressed in the placenta and in a variety of myeloid leukemia cell lines. Moderate levels of expression in heart, lung, spleen, thymus, peripheral blood lymphocytes, ovary and colon. Lower levels of expression in Jurkat T-cells and other T-cell lines and no expression in brain.,

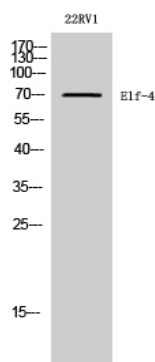
研究领域 (Research Area)

图片 (Image Data)



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

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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) .

注意事项 (Note)

For research use only .