

产品名称: Elf-5 Rabbit Polyclonal Antibody
产品货号: AP Rab10403



产品概述 (Summary)

产品名称 (Production Name)	Elf-5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, 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)	ELF5 ELF5; ESE2; ETS-related transcription factor Elf-5; E74-like factor 5; Epithelium-restricted ESE-1-related Ets factor; Epithelium-specific Ets transcription factor 2; ESE-2
别名 (Alternative Names)	
基因 ID (Gene ID)	2001.0
蛋白 ID (SwissProt ID)	Q9UKW6. The antiserum was produced against synthesized peptide derived from human ELF5. AA range: 191-240

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	31kDa

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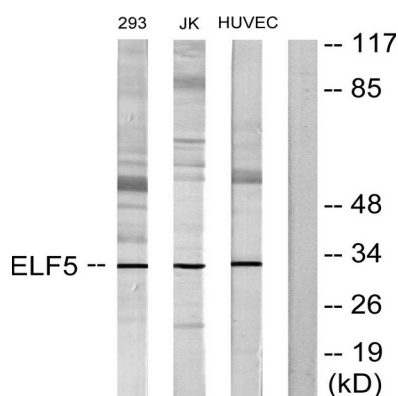


研究背景 (Background)

The protein encoded by this gene is a member of an epithelium-specific subclass of the Ets transcription factor family. In addition to its role in regulating the later stages of terminal differentiation of keratinocytes, it appears to regulate a number of epithelium-specific genes found in tissues containing glandular epithelium such as salivary gland and prostate. It has very low affinity to DNA due to its negative regulatory domain at the amino terminus. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011], domain: The PNT domain acts as a transcriptional activator., function: Transcriptionally activator that may play a role in regulating the later stages of keratinocytes terminal differentiation. Isoform 2 binds to DNA sequences containing the consensus nucleotide core sequence GGA[AT]. Transcriptionally activates SPRR2A and the parotid gland-specific PSP promoters., similarity: Belongs to the ETS family., similarity: Contains 1 ETS DNA-binding domain., similarity: Contains 1 PNT (pointed) domain., tissue specificity: Expressed exclusively in tissues with a high content of epithelial cells. Highly expressed in salivary gland, mammary gland, kidney and prostate. Weakly expressed in placenta and lung. Isoform 1 and isoform 2 are differentially expressed in different tissues. In the kidney, only isoform 1 was expressed, while prostate expressed both isoforms, with levels of isoform 2 being higher. Expression is up-regulated during keratinocyte differentiation. Several epithelial carcinoma cell lines showed lack of expression.,

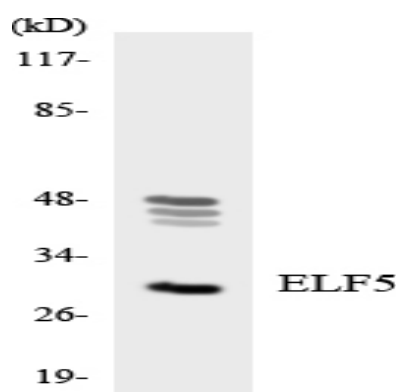
研究领域 (Research Area)

图片 (Image Data)

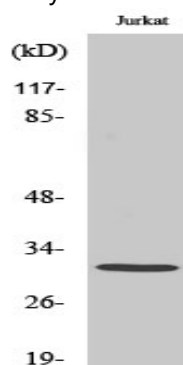


Western blot analysis of lysates from Jurkat, 293, and HUVEC cells, using ELF5 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HT-29 cells using ELF5 antibody.



Western Blot analysis of various cells using Elf-5 Polyclonal Antibody 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 .