

产品名称: ERF Rabbit Polyclonal Antibody
产品货号: APRab10585



产品概述 (Summary)

产品名称 (Production Name)	ERF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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)	ERF
别名 (Alternative Names)	ERF; ETS domain-containing transcription factor ERF; Ets2 repressor factor; PE-2
基因 ID (Gene ID)	2077.0
蛋白 ID (SwissProt ID)	P50548.The antiserum was produced against synthesized peptide derived from human ERF. AA range:492-541

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

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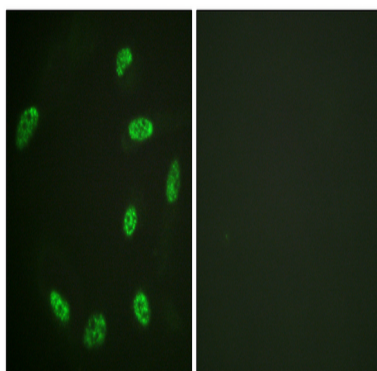


研究背景 (Background)

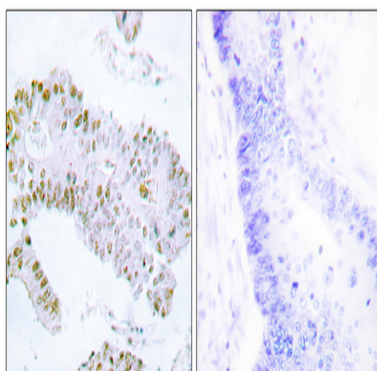
ETS2 is a transcription factor and protooncogene involved in development, apoptosis, and the regulation of telomerase. The protein encoded by this gene binds to the ETS2 promoter and is a strong repressor of ETS2 transcription. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Aug 2015],function:Potent transcriptional repressor that binds to the H1 element of the Ets2 promoter. May regulate other genes involved in cellular proliferation. Required for extraembryonic ectoderm differentiation, ectoplacental cone cavity closure, and chorioallantoic attachment (By similarity). May be important for regulating trophoblast stem cell differentiation.,PTM:Phosphorylated by multiple kinases including probably ERK2. Phosphorylation regulates the activity of ERF.,sequence caution:The sequence differs from that shown because it seems to be derived from a pre-mRNA.,similarity:Belongs to the ETS family.,similarity:Contains 1 ETS DNA-binding domain.,tissue specificity:Highest levels in testis, ovary, pancreas, and heart.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of HeLa cells, using ERF Antibody. The picture on the right is blocked with the synthesized peptide.

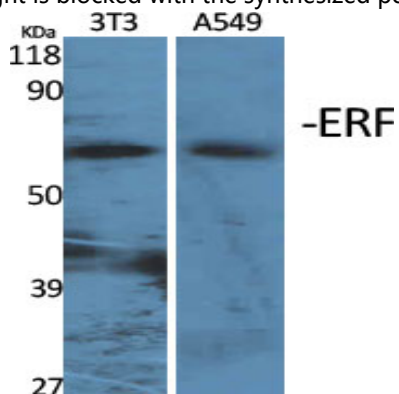


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using ERF Antibody. The picture on

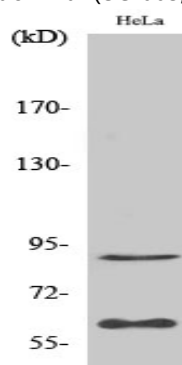
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the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ERF Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



Western Blot analysis of HepG2 cells using ERF 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 .