

产品名称: ERK2 Rabbit Polyclonal Antibody
产品货号: APRab00006



产品概述 (Summary)

产品名称 (Production Name)	ERK2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAPK1
别名 (Alternative Names)	ERK; p38; p40; p41; ERT1; MAPK2; PRKM1; P42MAPK; p41mapk; MAPK
基因 ID (Gene ID)	5594
蛋白 ID (SwissProt ID)	P28482.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 41 kDa; Observed MW: 41 kDa

研究背景 (Background)

Act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as

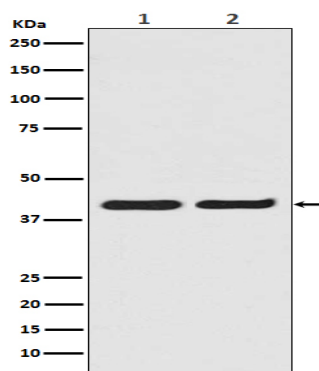
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proliferation, differentiation, transcription regulation and development. The activation of ERK2 requires its phosphorylation by upstream kinases. ERK2 is located in the cytoplasm of resting cells and translocates into the nucleus upon extracellular stimuli by active transport of a dimer. ERK2 is essential for placental development and ERK2 in the trophoblast compartment may be indispensable for the vascularization of the labyrinth.

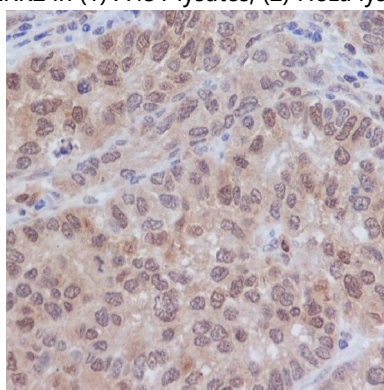
研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot analysis of ERK2 in (1) A431 lysates; (2) HeLa lysates using ERK2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human gastric adenocarcinoma using ERK2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .