

产品名称: ERK1/2 Rabbit Monoclonal Antibody
产品货号: AMRe03741



产品概述 (Summary)

产品名称 (Production Name)	ERK1/2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant Rabbit Monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, 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)	Monoclonal Antibody
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
纯化方式 (Purification)	Affinity Purified

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAPK3/MAPK1 MAPK3; ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP;
别名 (Alternative Names)	HUMKER1A; p44-ERK1; p44-MAPK; MAPK1; ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK.
基因 ID (Gene ID)	5595/5594
蛋白 ID (SwissProt ID)	P27361/P28482

产品应用 (Application)

稀释比 (Dilution Ratio)	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
蛋白分子量 (Molecular Weight)	Calculated MW: 44,42 kDa; Observed MW: 44,42 kDa

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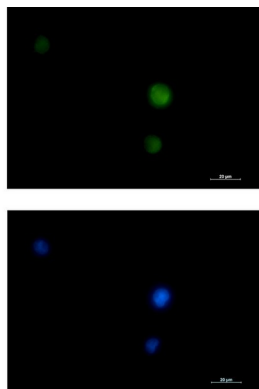
研究背景 (Background)

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

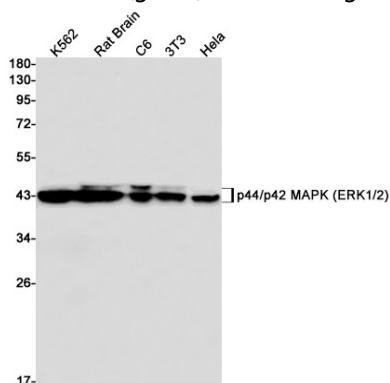
研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Immunocytochemistry analysis of ERK1/2 (green) in K562 using ERK1/2 antibody, and DAPI (blue).



Western blot analysis of p42 MAPK (ERK2) in K562, rat Brain, C6, 3T3, HeLa lysates using p42 MAPK (ERK2) antibody.

注意事项 (Note)

For research use only .