

ERK1 Antibody

货号: PN0071

产品信息

全称	ERK1 Antibody
别名	Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1 (ERK-1); Insulin-stimulated MAP2 kinase; MAP kinase isoform p44 (p44-MAPK); Microtubule-associated protein 2 kinase; p44-ERK1; MAPK3; ERK1; PRKM3;
抗体来源/类型	Rabbit Monoclonal
交叉反应	Human, Mouse,
产品应用	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:250 IP 1:50 FC 1:50
理论分子量	43kDa
细胞定位	细胞核
性状	Liquid
浓度	
免疫原	A synthesized peptide derived from human ERK1
亚型	IgG
纯化方法	Affinity-chromatography
缓冲液	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
保存条件	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
注意事项	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

背景

The activation of signal transduction pathways by growth factors, hormones and neurotransmitters is mediated through two closely related MAP kinases, p44 and p42, designated extracellular-signal related kinase 1 (ERK 1) and ERK 2, respectively. ERK proteins are regulated by dual phosphorylation at specific tyrosine and Threonine sites mapping within a characteristic Thr- Glu-Tyr motif.

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