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Erk 1/2 (Phospho Thr202/Tyr204) Rabbit mAb

货号: AAY1172

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF ELISA
推荐浓度	**WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000
理论分子量	44kD,42kD
实测分子量	44kD,42kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.174.
偶联物	Unconjugated
阳性对照	HeLa,A-549,NIH/3T3,C6,Mouse brain,Mouse thymus,Rat brain
细胞定位	Cytoplasm, cytoskeleton, spindle, Nucleus, microtubule organizing center, centrosome, Membrane, caveola, Cell junction, focal adhesion
纯化	亲和纯化

抗原信息

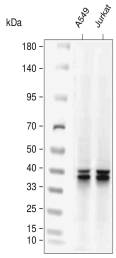
抗原信息	

靶点信息

研究背景	This gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
基因ID	5594
基因名	MAPK1/MAPK3
Swiss	P28482 (https://www.uniprot.org/uniprotkb/P28482/entry)
别名	MAPK1/MAPK3,Mitogen-activated protein kinase 3,MAPK3,ERK1,PRKM3,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,p,Microtubule-associated

产品验证

Western blot analysis of extracts from A549 ,Jurkat cells using Erk 1/2 (Phospho Thr202/Tyr204) at 1:1000.



实验步骤

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