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# ERK1 Rabbit pAb

货号: **AYP11218**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens、Mus musculus
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	38kDa/40kDa/43kDa
实测分子量	40kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	DU145,HeLa,293T
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

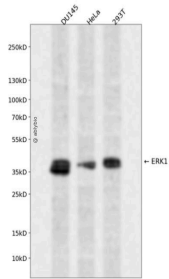
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-379 of human ERK1 (NP_002737.2).
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## 靶点信息

研究背景	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.
基因ID	5595
基因名	MAPK3
Swiss	P27361 ( <a href="https://www.uniprot.org/uniprotkb/P27361/entry">https://www.uniprot.org/uniprotkb/P27361/entry</a> )
别名	ERK-1,ERK1,ERT2,HS44KDAP,HUMKER1A,P44ERK1,P44MAPK,PRKM3,p44-ERK1,p44-MAPK,MAPK3,ERK1 Rabbit pAb,Extracellular signal-regulated kinase 1,Insulin-stimulated MAP2 kinase,MAP kinase isoform p44, Microtubule-associated protein 2 kinase

## 产品验证



Western blot analysis of ERK1 expressed in DU145, HeLa, 293T using ERK1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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