

ERK1 Rabbit mAb

货号: **AYM28470**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	38kDa/40kDa/43kDa
实测分子量	44kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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

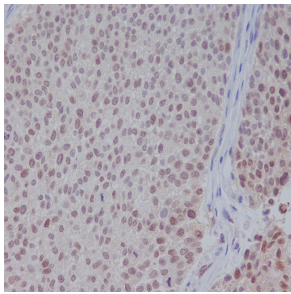
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ERK1.
序列	MAAAAAQGGGGEP RRTEGVGPGVPGEVEMVKGQPFVDVGP RYTQLQYIGEGAYGMVSSAYDHVRKTRVAIKKISPFEH QTYCQRTLREIQILLRFRHENVIGIRDILRASTLEAMRDVYIVQDLMETDLYKLLKSQQLSNDHICYFLYQILRGLKYIHSANVL HRDLKPSNLLINTTCDLKICDFGLARIADPEHDHTGFLTEYVATR WYRAPEIMLNSKGYTKSIDIWSVGCILAEMLSNRPIFPG KHYLDQLNHILGILGSPSQEDLNCIINMKARNYLQSLPSKTKVAWAKLFPKSDSKALDLLDRMLTFNPNKRITVEEALAHPYL EQYYDPTDEPVAEEPFTFAMELDDLPKERLKELIQFETARFQPGVLEAP

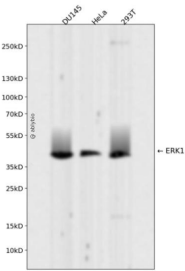
靶点信息

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
别名	ERK-1;ERK1;ERT2;HS44KDAP;HUMKER1A;P44ERK1;P44MAPK;PRKM3;p44-ERK1;p44-MAPK;MAPK3

产品验证



Immunohistochemical analysis of paraffin-embedded human bladder, using ERK1 Antibody.



Western blot analysis of ERK1 expressed in DU145, HeLa, 293T using ERK1 Rabbit mAb 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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