— ABLYBIO, Help Your Research

Phospho-ERK1-Y204 Rabbit pAb

货号: AYP11270

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Gallus gallus domesticus , Homo sapiens , Rattus norvegicus
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:100 **IF/ICC:** 1:100 - 1:200 **IP:** 1:50 - 1:100
理论分子量	38kDa/40kDa/43kDa
实测分子量	42KDa/44KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

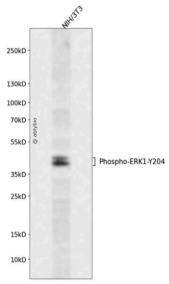
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y204 of human ERK1 (NP_002737.2).

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 (https://www.uniprot.org/uniprotkb/P27361/entry)
别名	ERK-1,ERK1,ERT2,HS44KDAP,HUMKER1A,P44ERK1,P44MAPK,PRKM3,p44-ERK1,p44-MAPK,MAPK3,Phospho-ERK1-Y204 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 Phospho-ERK1-Y204 expressed in NIH/3T3 using Phospho-ERK1-Y204 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

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)