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ERK1 / ERK2 Rabbit pAb

货号: **AYP25524**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Cyprinus carpio , Homo sapiens , Mus musculus , Mus musculus , Rattus norvegicus , Bos taurus , Capra hircus , Gallus gallus , Sus scrofa IF: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	36kDa/41kDa/38kDa/40kDa/43kDa
实测分子量	42KDa/44KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,C6,Mouse brain,Rat brain
细胞定位	caveola,cytoplasm,cytoskeleton,cytosol,early endosome,endoplasmic reticulum lumen,extracellular region,focal adhesion,Golgi apparatus,late endosome,microtubule organizing center,mitochondrion,mitotic spindle,nucleoplasm,nucleus,plasma membrane
纯化	Affinity purification

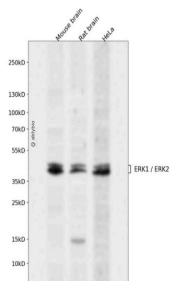
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ERK1 / ERK2 (NP_620407.1/NP_002737.2).
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靶点信息

研究背景	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.
基因ID	5594,5595
基因名	MAPK1,MAPK3
Swiss	P28482 (https://www.uniprot.org/uniprotkb/P28482/entry), P27361 (https://www.uniprot.org/uniprotkb/P27361/entry)
别名	MAPK1/MAPK3,ERK1 / ERK2 Rabbit pAb,MAPK1,MAPK3,ERT1,Extracellular signal-regulated kinase 2,MAP kinase isoform p42,Mitogen-activated protein kinase 2,ERT2,Extracellular signal-regulated kinase 1,Insulin-stimulated MAP2 kinase,MAP kinase isoform p44

产品验证



Western blot analysis of ERK1 / ERK2 expressed in Mouse brain,Rat brain,HeLa using ERK1 / ERK2 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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