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ERK5 Rabbit mAb

货号: AYM30937

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	50kDa/59kDa/73kDa/88kDa
实测分子量	115kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,RD,C6,Mouse brain
细胞定位	Cytoplasm,Nucleus,PML body
纯化	Affinity purification

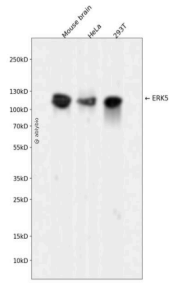
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ERK5.

靶点信息

研究背景	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases 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. This kinase is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors. In response to extracelluar signals, this kinase translocates to cell nucleus, where it regulates gene expression by phosphorylating, and activating different transcription factors. Four alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported.
基因ID	5598
基因名	MAPK7
Swiss	Q13164 (https://www.uniprot.org/uniprotkb/Q13164/entry)
别名	ERK5,ERK5 Rabbit mAb,MAPK7,Big MAP kinase 1,Extracellular signal-regulated kinase 5,BMK1,PRKM7

产品验证



Western blot analysis of ERK5 expressed in Mouse brain,HeLa,293T using ERK5 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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