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Phospho-AKT1-T308+AKT2-T309+AKT3-T305 Rabbit pAb

货号: AYP22201

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	48kDa/55kDa/51kDa/54kDa
实测分子量	60kDa
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	ciliary basal body,cytoplasm,cytosol,microtubule cytoskeleton,mitochondrion,nucleoplasm,nucleus,plasma membrane,spindle
纯化	Affinity purification

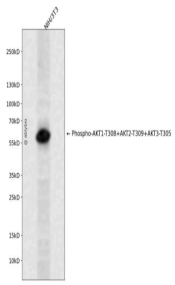
抗原信息

抗原信息	A synthetic phosphorylated peptide around T308 of human AKTAKT1 (NP_005154.2).

靶点信息

研究背景	The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT is a critical mediator of growth factor-induced neuronal survival. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery. Mutations in this gene have been associated with the Proteus syndrome. Multiple alternatively spliced transcript variants have been found for this gene.
基因ID	207,208,10000
基因名	AKT1,AKT2,AKT3
Swiss	P31749 (https://www.uniprot.org/uniprotkb/P31749/entry), P31751 (https://www.uniprot.org/uniprotkb/P31751/entry), Q9Y243 (https://www.uniprot.org/uniprotkb/Q9Y243/entry)
别名	AKT1/AKT2/AKT3,Phospho-AKT1-T308+AKT2-T309+AKT3-T305 Rabbit pAb,AKT1,AKT2,AKT3,Protein kinase B,Protein kinase B alpha,Proto-oncogene c-Akt,RAC-PK-alpha,Protein kinase Akt-2,Protein kinase B beta,RAC protein kinase beta,Protein kinase Akt-3,Protein kinase B gamma

产品验证



Western blot analysis of Phospho-AKT1-T308+AKT2-T309+AKT3-T305 expressed in NIH/3T3 using Phospho-AKT1-T308+AKT2-T309+AKT3-T305 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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