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PIK3CA Rabbit pAb

货号: **AYP10998**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | <p>WB: Ctenopharyngodon idellus , Cyprinus carpio , Mus musculus , Homo sapiens , Rattus norvegicus , Gallus gallus , Capra hircus , Sus scrofa</p> <p>IF: Rattus norvegicus , Homo sapiens</p> <p>IF/ICC: Homo sapiens,Mus musculus</p> <p>IHC: Homo sapiens , Mus musculus , Rattus norvegicus</p> <p>ICH: Rattus norvegicus</p> <p>Co-IP: Homo sapiens</p> |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | <p>WB: 1:500 - 1:2000</p> <p>IHC: 1:50 - 1:200</p> <p>IF/ICC: 1:50 - 1:200</p> |
| 理论分子量 | 124kDa |
| 实测分子量 | 110KDa |
| 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 | Jurkat,MCF7,Mouse brain |
| 细胞定位 | cytoplasm,cytosol,intercalated disc,perinuclear region of cytoplasm,plasma membrane |
| 纯化 | Affinity purification |

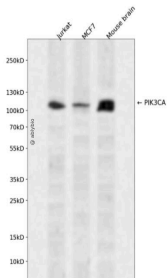
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 294-610 of human PIK3CA (NP_006209.2). |
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靶点信息

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| 研究背景 | Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22. |
| 基因ID | 5290 |
| 基因名 | PIK3CA |
| Swiss | P42336 (https://www.uniprot.org/uniprotkb/P42336/entry) |
| 别名 | PIK3CA,CLOVE,CWS5,MCAP,MCM,MCMTC,PI3K,PI3K-alpha,PIK3CA Rabbit pAb,Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha,Phosphoinositide 3-kinase alpha,Phosphoinositide-3-kinase catalytic alpha polypeptide,Serine/threonine protein kinase PIK3CA |

产品验证



Western blot analysis of PIK3CA expressed in Jurkat, MCF7, Mouse brain using PIK3CA 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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