

CAMK2A RABBIT PAB

货号: S221672

产品全名: CAMK2A 兔多抗

基因符号: CAMKA

UNIPROT ID: Q9UQM7 (Gene Accession - NP_741960)

背景: The product of this gene belongs to the serine/threonine protein kinases family, and to the Ca(2+)/calmodulin-dependent protein kinases subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. This calcium calmodulin-dependent protein kinase is composed of four different chains: alpha, beta, gamma, and delta. The alpha chain encoded by this gene is required for hippocampal long-term potentiation (LTP) and spatial learning. In addition to its calcium-calmodulin (CaM)-dependent activity, this protein can undergo autophosphorylation, resulting in CaM-independent activity. Two transcript variants encoding distinct isoforms have been identified for this gene.

抗原: Synthetic peptide of human CAMK2A

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 40-200; ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

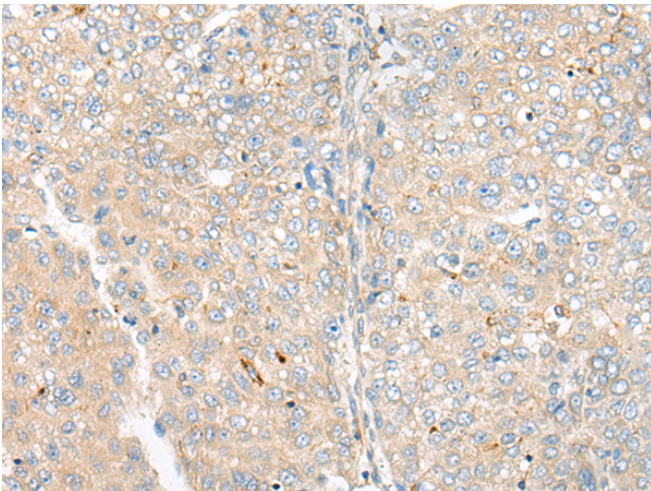
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

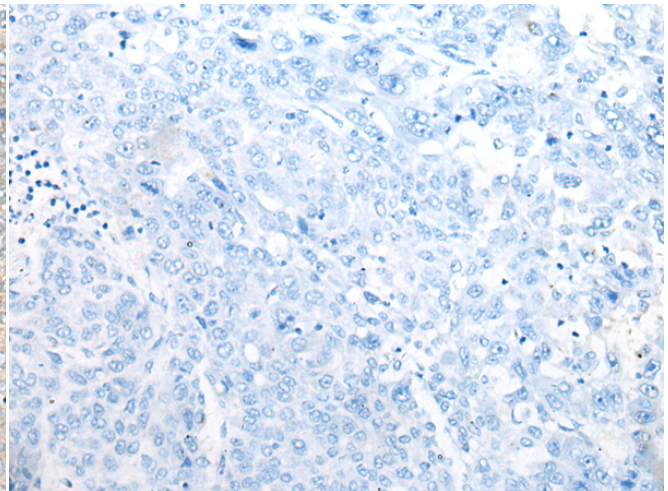
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Signal Transduction, Neuroscience, Cardiovascular

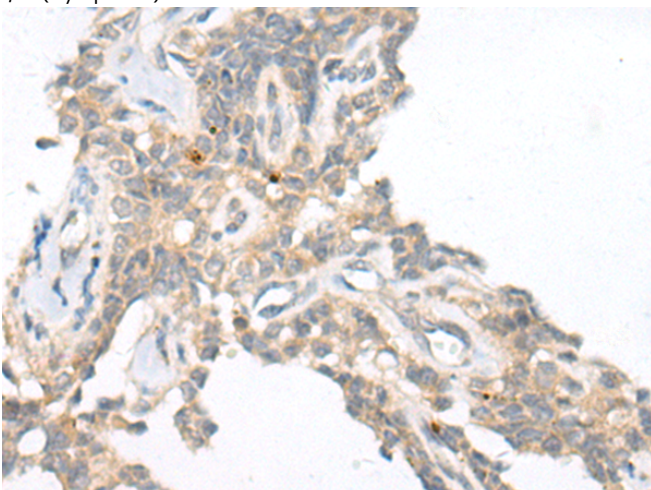
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



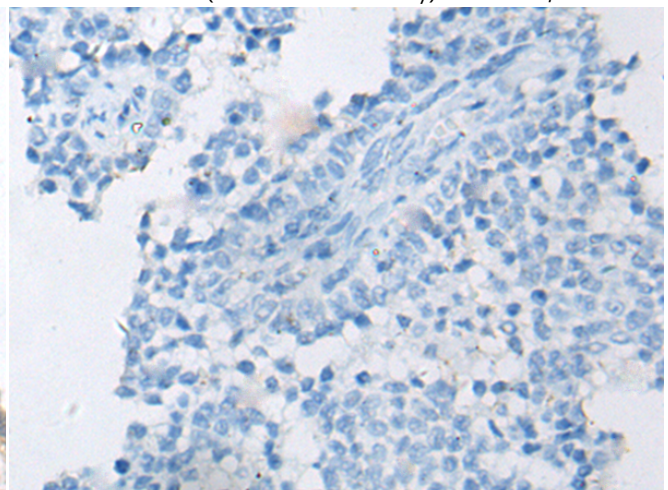
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221672(CAMK2A Antibody) at a dilution of 1/55(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221672(Anti-CAMK2A Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 221672(Anti-CAMK2A Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D268372(Anti-CAMK2A Antibody) at dilution 1/55.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
