

CDKN1A RABBIT PAB

货号: S216264

产品全名: CDKN1A 兔多抗

基因符号 P21; CIP1; SDI1; WAF1; CAP20; CDKN1; MDA-6; p21CIP1

UNIPROT ID: P38936 (Gene Accession - BC000275)

背景: This gene encodes a potent cyclin-dependent kinase inhibitor. The encoded protein binds to and inhibits the activity of cyclin-CDK2 or -CDK4 complexes, and thus functions as a regulator of cell cycle progression at G1. The expression of this gene is tightly controlled by the tumor suppressor protein p53, through which this protein mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli. This protein can interact with proliferating cell nuclear antigen (PCNA), a DNA polymerase accessory factor, and plays a regulatory role in S phase DNA replication and DNA damage repair. This protein was reported to be specifically cleaved by CASP3-like caspases, which thus leads to a dramatic activation of CDK2, and may be instrumental in the execution of apoptosis following caspase activation. Multiple alternatively spliced variants have been found for this gene.

抗原: Fusion protein of human CDKN1A

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 25-100; ELISA: 2000-5000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

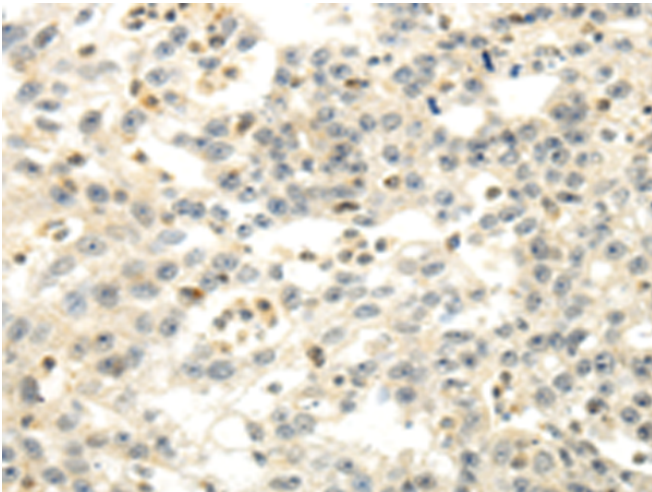
纯化: Antigen affinity purification

种属反应性: Human

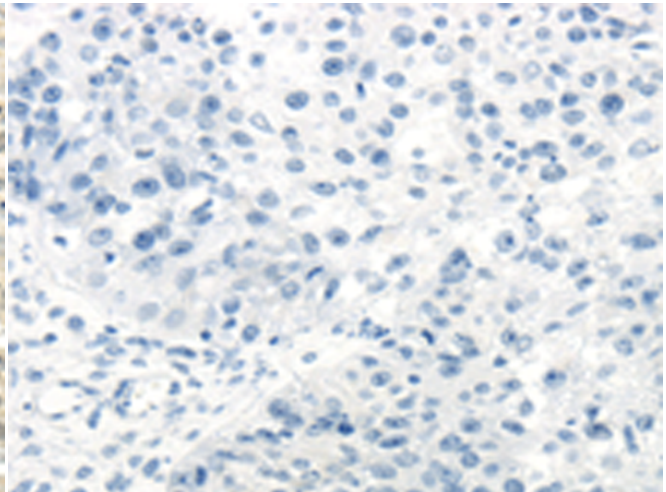
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Epigenetics and Nuclear Signaling, Cancer

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



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 216264(CDKN1A Antibody) at a dilution of 1/30(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 216264(Anti-CDKN1A Antibody) at dilution 1/30.