

CASP1 RABBIT PAB

货号: S216257

产品全名: CASP1 兔多抗

基因符号: ICE; P45; IL1BC

UNIPROT ID: P29466 (Gene Accession - BC062327)

背景: This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms.

抗原: Fusion protein of human CASP1

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-50;WB: 500-2000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

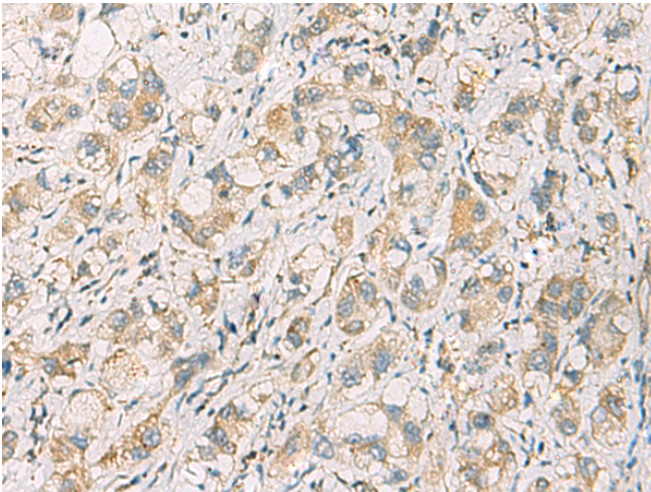
纯化: Antigen affinity purification

种属反应性: Human

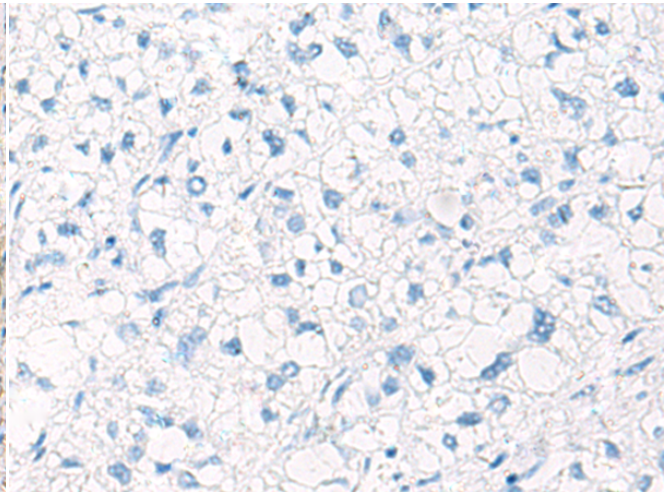
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Cancer, Cardiovascular, Metabolism

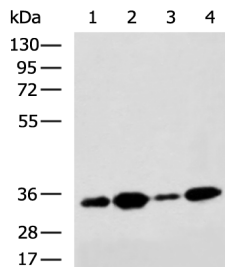
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 216257 (CASP1 Antibody) at a dilution of 1/40 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 216257 (Anti-CASP1 Antibody) at dilution 1/40.



Gel: 8% SDS-PAGE, Lysate: 40 µg;

Lane 1-4: MCF-7 cell, 293T cell, HeLa cell, Jurkat cell lysates;

Primary antibody: 216257 (CASP1 Antibody) at dilution 1/500;

Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;

Exposure time: 1 minute



Product Description

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