

## CAPN6 RABBIT PAB

货号: S210181

产品全名: CAPN6 兔多抗

基因符号: CANPX; CAPNX; CalpM; DJ914P14.1

**UNIPROT ID:** Q9Y6Q1 (Gene Accession - BC000730 )

**背景:** Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein encoded by this gene is highly expressed in the placenta. Its C-terminal region lacks any homology to the calmodulin-like domain of other calpains. The protein lacks critical active site residues and thus is suggested to be proteolytically inactive. The protein may play a role in tumor formation by inhibiting apoptosis and promoting angiogenesis.

**抗原:** Fusion protein of human CAPN6

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

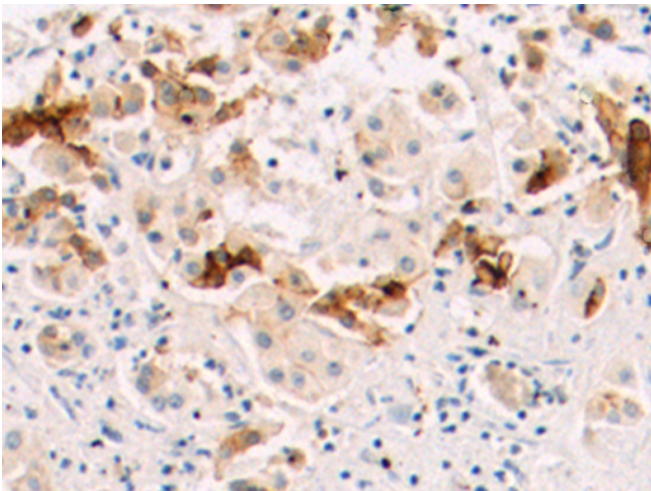
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse, Rat

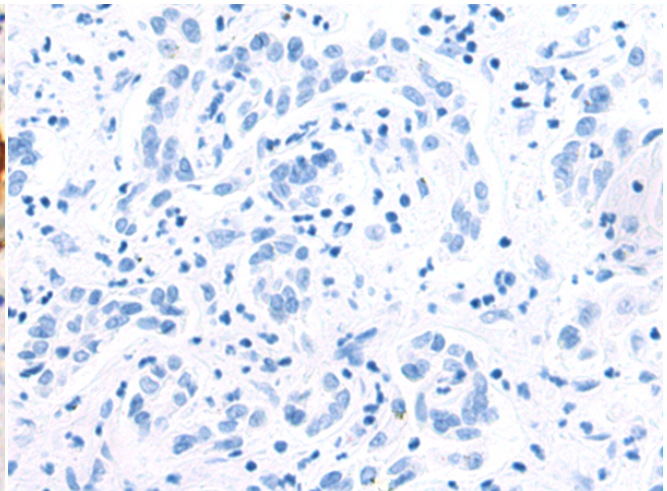
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Signal Transduction, Cell Biology

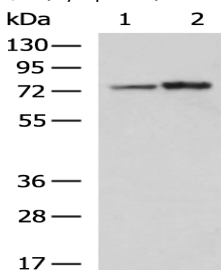
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 210181 (CAPN6 Antibody) at a dilution of 1/70 (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 210181 (Anti-CAPN6 Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane 1-2: TM4 and NIH/3T3 cell lysates;

Primary antibody: 210181 (CAPN6 Antibody) at dilution 1/500;

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

Exposure time: 15 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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