

## CASP7 RABBIT PAB

**Cat.#:** S216255

**Product Name:** Anti-CASP7 Rabbit Polyclonal Antibody

**Synonyms:** MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3

**UNIPROT ID:** P55210 (Gene Accession - BC015799 )

**Background:** This gene encodes 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 two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

**Immunogen:** Fusion protein of human CASP7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

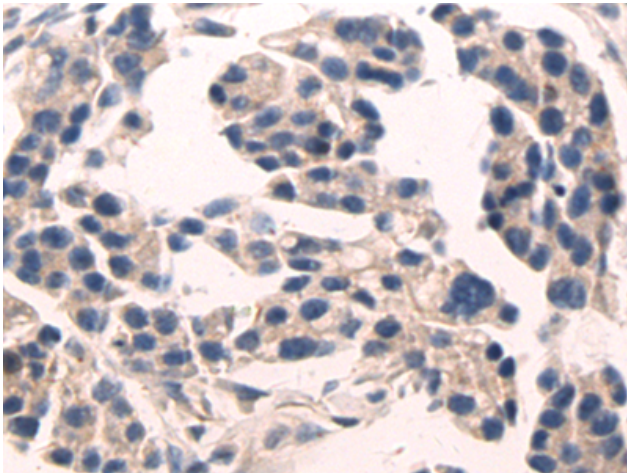
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

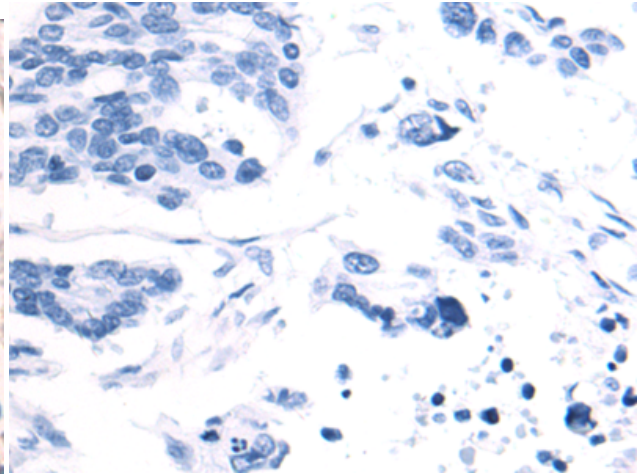
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer, Cell Biology

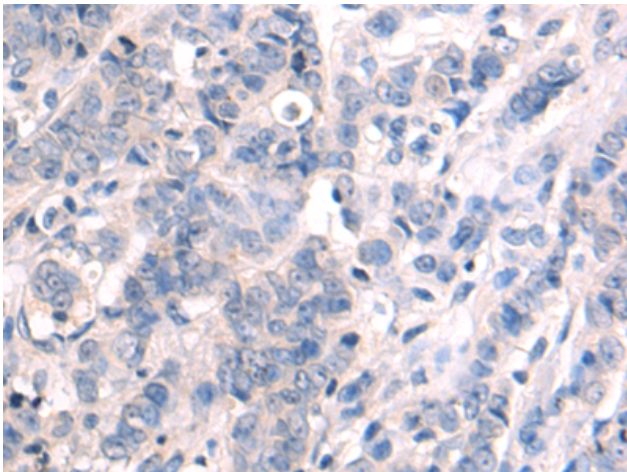
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



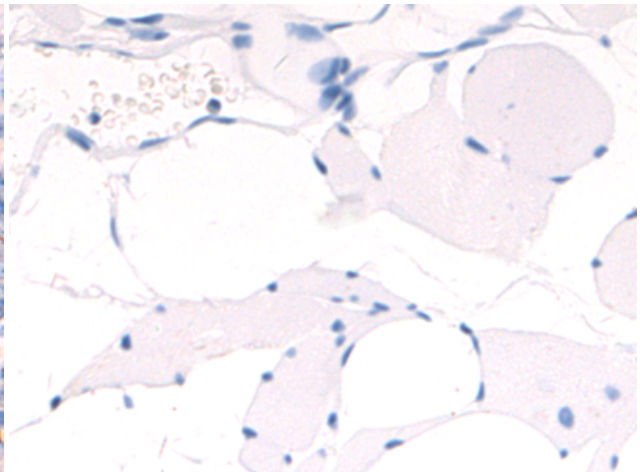
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216255(CASP7 Antibody) at a dilution of 1/70(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 216255(Anti-CASP7 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 216255(Anti-CASP7 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D220077(Anti-CASP7 Antibody) at dilution 1/70.