

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## CDC27 RABBIT PAB

Cat.#: S220447

Product Name: Anti-CDC27 Rabbit Polyclonal Antibody

Synonyms: APC3; HNUC; NUC2; ANAPC3; CDC27Hs; D0S1430E; D17S978E

UNIPROT ID: P30260 (Gene Accession - NP\_001107563)

**Background:** The protein encoded by this gene shares strong similarity with Saccharomyces cerevisiae protein Cdc27, and the gene product of Schizosaccharomyces pombe nuc 2. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction.

Immunogen: Synthetic peptide of human CDC27

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

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

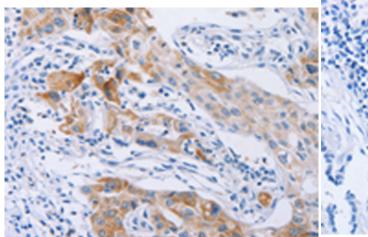
Research Areas: Cancer, Cell Biology

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

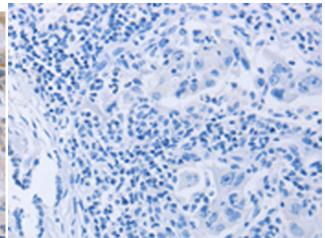


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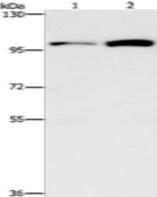
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Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 220447(CDC27 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 220447(Anti-CDC27 Antibody) at dilution 1/40.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane 1-2: HepG2 cells, K562 cells; Primary antibody: 220447(CDC27 Antibody) at dilution 1/750; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 5 seconds