

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CDC6 RABBIT PAB

Cat.#: S219690

Product Name: Anti-CDC6 Rabbit Polyclonal Antibody **Synonyms:** CDC18L; HsCDC6; MGORS5; HsCDC18 **UNIPROT ID:** Q99741 (Gene Accession - NP_001245.1)

Background: The protein encoded by this gene is highly similar to Saccharomyces cerevisiae Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cyle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cyle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins.

Immunogen: Synthetic peptide of human CDC6

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

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

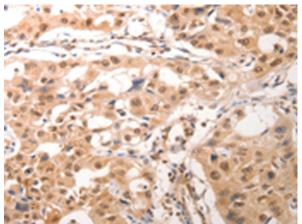
Research Areas: Epigenetics and Nuclear Signaling, Cancer

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

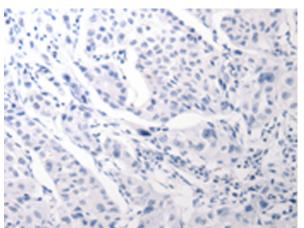


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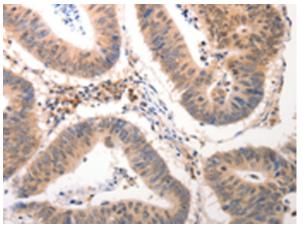
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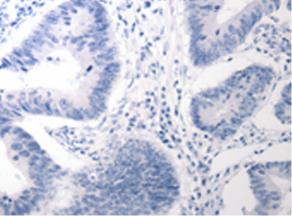
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 219690(CDC6 Antibody) at a dilution of 1/25(Cytoplasm or Nucleus).



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 219690(Anti-CDC6 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 219690(Anti-CDC6 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D260157(Anti-CDC6 Antibody) at dilution 1/25.



Gel: 10%SDS-PAGE, Lysate: 40 µg;

Lane: K562 cells;

Primary antibody: 219690(CDC6 Antibody) at

dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 2 minutes



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