

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CDC25A RABBIT PAB

Cat.#: S220118

Product Name: Anti-CDC25A Rabbit Polyclonal Antibody

Synonyms: CDC25A2

UNIPROT ID: P30304 (Gene Accession - NP_001780)

Immunogen: Synthetic peptide of human CDC25A

Background: CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from GI to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants

encoding different isoforms have been found for this gene.

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

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

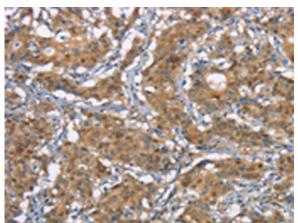
Research Areas: Epigenetics and Nuclear Signaling, Cancer

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

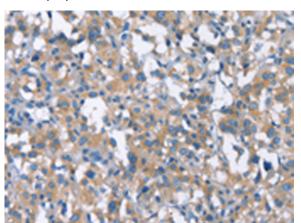


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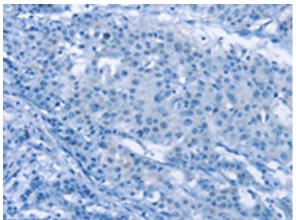
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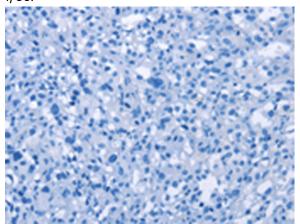
Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 220118(CDC25A Antibody) at a dilution of 1/50(Cytoplasm).



of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the synthetic peptide and then with 220118(Anti-CDC25A Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue paraffin-embedded Human thyroid cancer tissue using 220118(Anti-CDC25A Antibody) at a dilution is first treated with synthetic peptide and then with D260979(Anti-CDC25A Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane 1-2: 231 cells, A549 cells;

Primary antibody: 220118(CDC25A Antibody) at

dilution 1/300;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 20 seconds



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