

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CDC14B RABBIT PAB

Cat.#: S221703

Product Name: Anti-CDC14B Rabbit Polyclonal Antibody

Synonyms: CDC14B3; Cdc14B1; Cdc14B2; hCDC14B **UNIPROT ID:** O60729 (Gene Accession - NP_201588)

Background: The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to Saccharomyces cerevisiae Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which suggests the role in cell cycle control. This protein has been shown to interact with and dephosphorylates tumor suppressor protein p53, and is thought to regulate the function of p53.

Alternative splice of this gene results in 3 transcript variants encoding distinct isoforms.

Immunogen: Synthetic peptide of human CDC14B

Applications: ELISA, IHC

Recommended Dilutions: IHC: 20-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

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

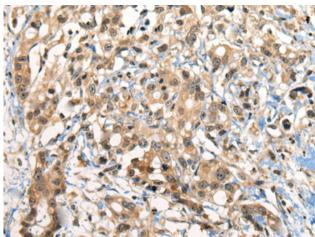
Species Reactivity: Human

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

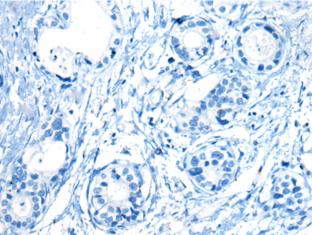
glycerol

Research Areas: Signal Transduction, Cancer

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



Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 221703(CDC14B Antibody) at a dilution of 1/20(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 221703(Anti-CDC14B Antibody) at dilution 1/20.