

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SPIN1 RABBIT PAB

Cat.#: S216801

Product Name: Anti-SPIN1 Rabbit Polyclonal Antibody

Synonyms: SPIN; TDRD24

UNIPROT ID: Q9Y657 (Gene Accession - BC013571)

Background: Chromatin reader that specifically recognizes and binds histone H3 both trimethylated at 'Lys-4' and asymmetrically dimethylated at 'Arg-8' (H3K4me3 and H3R8me2a) and acts as an activator of Wnt signaling pathway downstream of PRMT2. In case of cancer, promotes cell cancer proliferation via activation of the Wnt signaling pathway (PubMed:24589551). Overexpression induces metaphase arrest and chromosomal instability. Localizes to active rDNA loci and promotes the expression of rRNA genes (PubMed:21960006). May play a role in cell-cycle regulation during the transition from gamete to embryo. Involved in oocyte meiotic resumption, a process that takes place before ovulation to resume meiosis of oocytes blocked in prophase I: may act by regulating maternal transcripts to control meiotic resumption.

Immunogen: Fusion protein of human SPIN1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

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

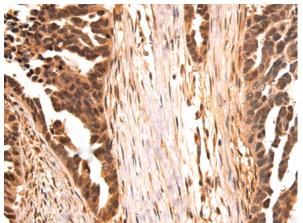
Research Areas: Cancer, Epigenetics and Nuclear Signaling, Developmental Biology

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

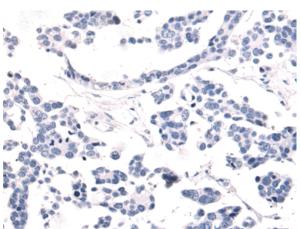


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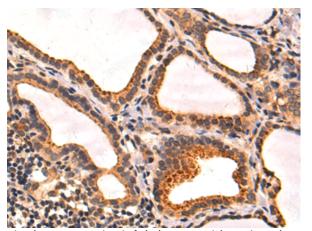
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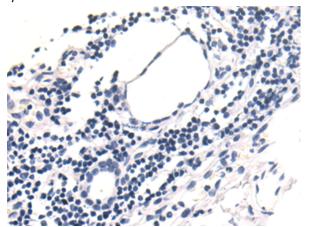
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216801(SPIN1 Antibody) at a dilution of 1/50(Nucleus and Cytoplasm).



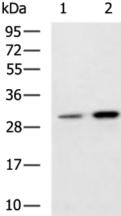
In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 216801(Anti-SPIN1 Antibody) at dilution 1/50.



using 216801(Anti-SPIN1 Antibody) at a dilution of is first treated with fusion protein and then with 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 D221263(Anti-SPINI Antibody) at dilution 1/50.



Exposure time: 30 seconds

Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: Jurkat, 293T cell lysates; Primary antibody: 216801(SPIN1 Antibody) at dilution 1/600; Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;



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