

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

NFATC4 RABBIT PAB

Cat.#: S213772

Product Name: Anti-NFATC4 Rabbit Polyclonal Antibody

Synonyms: NFAT3; NF-AT3; NF-ATC4

UNIPROT ID: Q14934 (Gene Accession - NP_001129494)

Background: This gene encodes a member of the nuclear factor of activated T cells (NFAT) protein family. The encoded protein is part of a DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor stimulation and an inducible nuclear component. NFAT proteins are activated by the calmodulin-dependent phosphatase, calcineurin. The encoded protein plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of interleukin-2 and interleukin-4. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human NFATC4

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

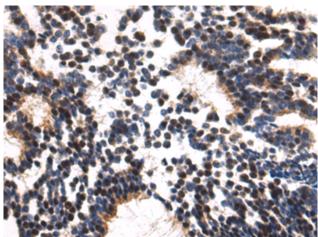
Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling, Immunology

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

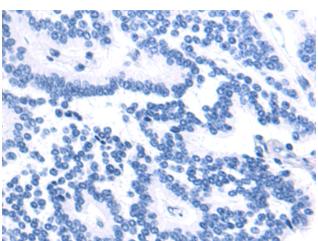


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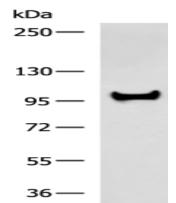
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 213772(NFATC4 Antibody) at a dilution of 1/50(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 213772(Anti-NFATC4 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: Hela cell lysate;

Primary antibody: 213772(NFATC4 Antibody) at

dilution 1/800;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 30 seconds