

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

RASSF1 RABBIT PAB

Cat.#: S219979

Product Name: Anti-RASSF1 Rabbit Polyclonal Antibody **Synonyms:** 123F2; RDA32; NORE2A; RASSF1A; REH3P21 **UNIPROT ID:** Q9NS23 (Gene Accession - NP_733830)

Background: This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of this gene has been associated with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this gene. The inactivation of this gene was found to be correlated with the hypermethylation of its CpG-island promoter region. The encoded protein was found to interact with DNA repair protein XPA. The protein was also shown to inhibit the accumulation of cyclin D1, and thus induce cell cycle arrest. Several alternatively spliced transcript variants of this gene encoding distinct inactives a basic basic parts of the second of the sec

isoforms have been reported.

Immunogen: Synthetic peptide of human RASSF1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-50;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

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, Cancer

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

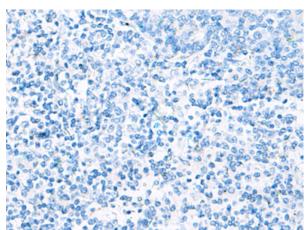


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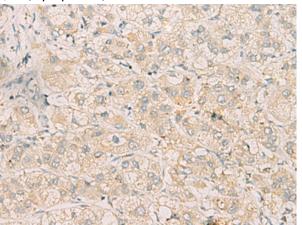
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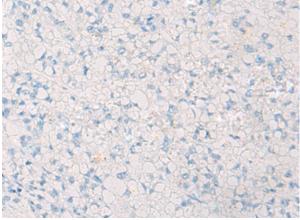
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219979 (RASSFI Antibody) at a dilution of 1/20(Cytoplasm).



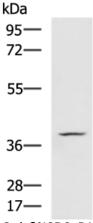
In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 219979(Anti-RASSFI Antibody) at dilution 1/20.



The image on the left is immunohistochemistry using 219979(Anti-RASSFI Antibody) at a dilution first treated with synthetic peptide and then with of 1/20.



In comparision with the IHC on the left, the same of paraffin-embedded Human liver cancer tissue paraffin-embedded Human liver cancer tissue is D260726(Anti-RASSFI Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: 293T cell lysate;

Primary antibody: 219979(RASSF1 Antibody) at

dilution 1/250;

Secondary antibody: HRP-conjugated Goat anti

rabbit IgG at 1/5000 dilution; Exposure time: 2 minutes



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