

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ELAC2 RABBIT PAB

Cat.#: S211153

Product Name: Anti-ELAC2 Rabbit Polyclonal Antibody

Synonyms: ELC2; HPC2; COXPD17

UNIPROT ID: Q9BQ52 (Gene Accession - BC001939)

Background: The protein encoded by this gene has a C-terminal domain with tRNA 3\(\text{D}\) processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box HI (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript

variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human ELAC2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 2000-5000

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

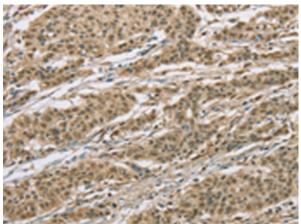
Research Areas: Epigenetics and Nuclear Signaling, Cancer

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

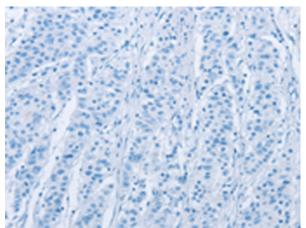


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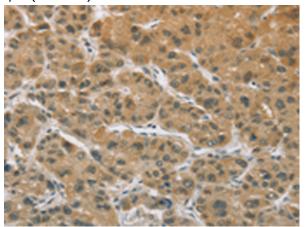
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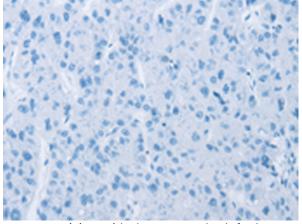
Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 211153(ELAC2 Antibody) at a dilution of 1/30(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the fusion protein and then with 211153(Anti-ELAC2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue using 211153(Anti-ELAC2 Antibody) at a dilution of first treated with fusion protein and then with 1/30.



paraffin-embedded Human liver cancer tissue is D122286(Anti-ELAC2 Antibody) at dilution 1/30.



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

Primary antibody: 211153(ELAC2 Antibody) at

dilution 1/250;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute



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