

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **RNASE1 RABBIT PAB**

Cat.#: S219216

**Product Name:** Anti-RNASEI Rabbit Polyclonal Antibody

Synonyms: RAC1; RIB1; RNS1

UNIPROT ID: P07998 (Gene Accession - BC005324)

Background: This gene encodes a member of the pancreatic-type of secretory ribonucleases, a

subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal

phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus

and four transcript variants encoding the same protein have been identified.

**Immunogen:** Fusion protein of human RNASE1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;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

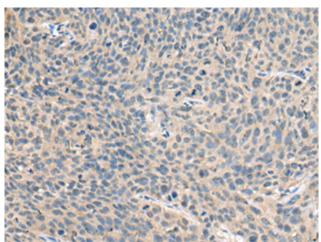
Research Areas: Epigenetics and Nuclear Signaling

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

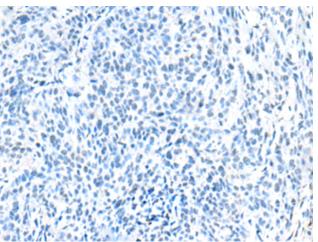


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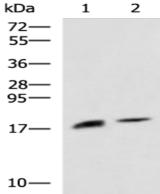
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Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219216(RNASE1 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 219216 (Anti-RNASEI Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg; Lane 1-2: Rat pancreas tissue and Mouse pancreas tissue lysates;

Primary antibody: 219216(RNASE1 Antibody) at dilution 1/650;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution; Exposure time: 50 seconds