

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

UPF1 RABBIT PAB

Cat.#: S214092

Product Name: Anti-UPF1 Rabbit Polyclonal Antibody **Synonyms:** HUPF1; NORF1; RENT1; smg-2; pNORF1 **UNIPROT ID:** Q92900 (Gene Accession - NP_002902)

Background: This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human UPF1

Applications: ELISA, WB, IHC

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

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

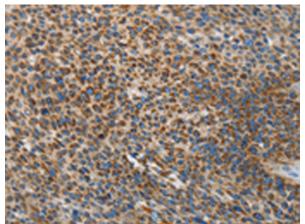
Research Areas: Epigenetics and Nuclear Signaling

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

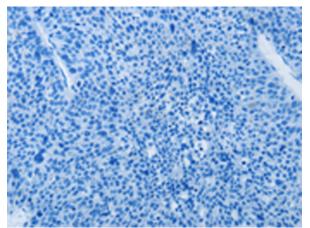


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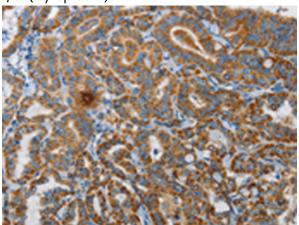
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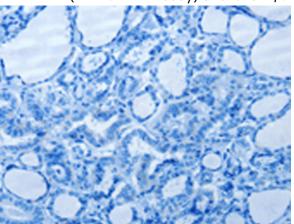


Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214092(UPF1 Antibody) at a dilution of 1/35(Cytoplasm).



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 214092(Anti-UPF1 Antibody) at dilution 1/35.





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 using 214092(Anti-UPF1 Antibody) at a dilution of is first treated with synthetic peptide and then with D161327(Anti-UPF1 Antibody) at dilution 1/35.



Gel: 6%SDS-PAGE, Lysate: 60 µg;

Lane: Raji cells;

Primary antibody: 214092(UPF1 Antibody) at

dilution 1/300;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 10 minutes



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