

## DDX21 RABBIT PAB

**Cat.#:** S218588

**Product Name:** Anti-DDX21 Rabbit Polyclonal Antibody

**Synonyms:** RH; GUA; GURDB; II/Gu; RH II/Gu; RH-II/GU; gu-alpha; RH-II/GuA

**UNIPROT ID:** Q9NR30 (Gene Accession - BC008071 )

**Background:** DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is an antigen recognized by autoimmune antibodies from a patient with watermelon stomach disease. This protein unwinds double-stranded RNA, folds single-stranded RNA, and may play important roles in ribosomal RNA biogenesis, RNA editing, RNA transport, and general transcription. [provided by RefSeq, Jul 2008]

**Immunogen:** Fusion protein of human DDX21

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 100-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

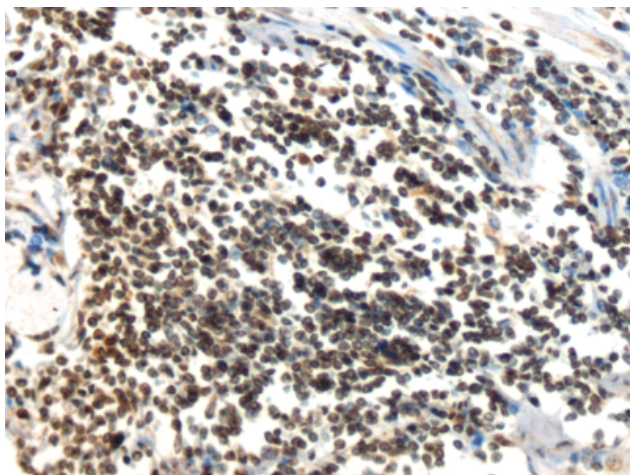
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

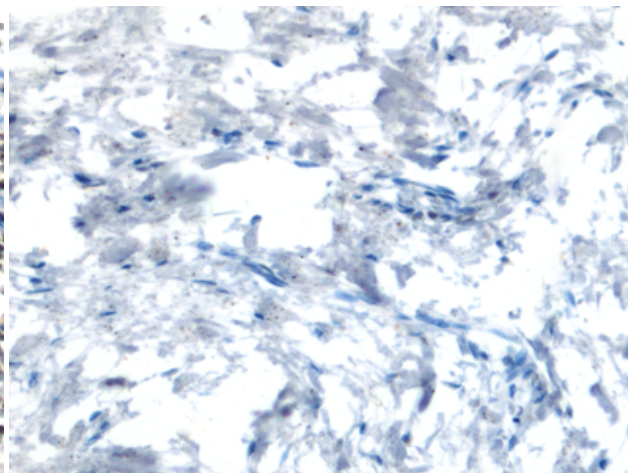
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

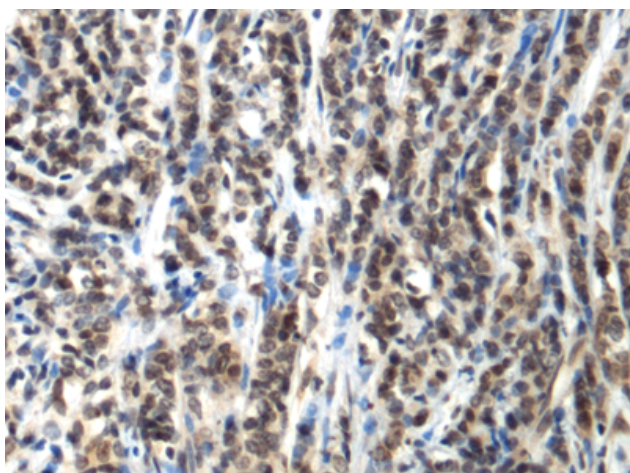
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



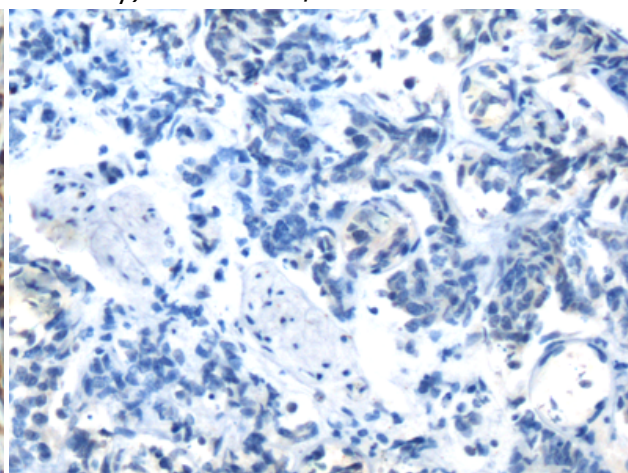
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 218588(DDX21 Antibody) at a dilution of 1/110(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 218588(Anti-DDX21 Antibody) at dilution 1/110.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 218588(Anti-DDX21 Antibody) at a dilution of 1/110.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with fusion protein and then with D224759(Anti-DDX21 Antibody) at dilution 1/110.