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## Product Information

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|---------------------|---------|----------------------|--------|--------------------|--------------|
| <b>Product SKU:</b> | CAB7034 | <b>Gene ID:</b>      | 9188   | <b>Size:</b>       | 20uL, 100uL  |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human, Mouse |

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## Additional Information

|                       |        |                   |              |
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| <b>Observed MW:</b>   | 100kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 87kDa  | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

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|------------------------------|---|
| <b>Background:</b>           | 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. |
| <b>Recommended Dilution:</b> | WB, 1:500 - 1:2000  |
| <b>Synonyms:</b>             | RH; GUA; GURDB; II/Gu; RH II/Gu; RH-II/GU; gu-alpha; RH-II/GuA; DDX21   |
| <b>Purification Method:</b>  | Affinity purification   |
| <b>Immunogen:</b>            | Recombinant fusion protein containing a sequence corresponding to amino acids 624-783 of human DDX21 (NP_004719.2).   |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.  |