

RecomAb™

DDX21 recombinant monoclonal antibody, clone R04-4J2

Catalog # RAB02327 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DDX21.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human DDX21.
Theoretical MW (kDa)	Calculated MW: 87 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence

Gene Info — DDX21

Entrez GeneID [9188](#)**Protein Accession#** [Q9NR30](#)**Gene Name** DDX21**Gene Alias** DKFZp686F21172, GUA, GURDB, RH-II/GU, RH-II/GuA**Gene Description** DEAD (Asp-Glu-Ala-Asp) box polypeptide 21**Omim ID** [606357](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

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]

Other Designations DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21|Gu protein|OTTHUMP00000019713|RNA helicase II/Gu alpha

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)