

Rabbit anti-Human, Mouse DDX21 Polyclonal Antibody | anti-DDX21 antibody

DDX21 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177247	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

DDX21; Polyclonal Antibody; DDX21 Polyclonal Antibody; GUA; GURDB; RH-II/GU; RH-II/GuA; anti-DDX21 antibody

PRODUCT SPECIFICATIONS

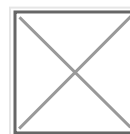
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DDX21 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human DDX21 (NP_0047192)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis of U2OS cells using DDX21 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



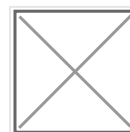
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using DDX21 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using DDX21 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse testis using DDX21 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX21 antibody	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.
Product Categories/Family for anti-DDX21 antibody	Epigenetics and Nuclear Signaling; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	76803555
NCBI GeneID	9188
UniProt Accession #	Q9NR30; Q13436; Q5VX41; Q68D35; B2RDL0
Molecular Weight	783
NCBI Official Full Name	Nucleolar RNA helicase 2
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 21
NCBI Official Symbol	DDX21
NCBI Official Synonym Symbols	GUA; GURDB; RH-II/GU; RH-II/GuA
NCBI Protein Information	nucleolar RNA helicase 2; RH II/Gu; gu-alpha; Gu protein; DEAD box protein 21; RNA helicase II/Gu alpha; nucleolar RNA helicase Gu; nucleolar RNA helicase II; DEAD (Asp-Glu-Ala-Asp) box polypeptide 21; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21
UniProt Protein Name	Nucleolar RNA helicase 2
UniProt Gene Name	DDX21
UniProt Entry Name	DDX21_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx21-antibody-immunofluorescence-immunohistochemistry-elisa/177247>