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

Rabbit anti-DDX21 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211062	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

DDX21; Polyclonal Antibody; Rabbit anti-DDX21 Antibody; Affinity Purified; nucleolar RNA helicase 2; RNA helicase II/Gu alpha; RH-II/GuA; RH-II/GU; RH II/Gu; nucleolar RNA helicase II; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21; nucleolar RNA helicase Gu; gu-alpha; GUA; DEAD-box helicase 21; Gu protein; DEAD box protein 21; DEAD (Asp-Glu-Ala-Asp) box polypeptide 21; DEAD (Asp-Glu-Ala-Asp) box helicase 21; GURDB; Nucleolar RNA helicase 2; DExD-box helicase 21; anti-DDX21 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-DDX21 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human DDX21 by western blot. Samples: Whole cell lysate from HeLa cells. Antibodies: Affinity purified rabbit anti-DDX21 antibody AAA211062 (lot AAA211062-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 10 seconds.

IP (Immunoprecipitation)
Detection of human DDX21 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-DDX21 antibody AAA211062 (lot AAA211062-1) used for IP at 3 ug/mg lysate. DDX21 was also immunoprecipitated using rabbit anti-DDX21 antibodies and at 3 ug/mg lysate. For blotting immunoprecipitated DDX21, AAA211062 was used at 1 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX21 antibody	DDX21 is a member of the DEAD box family of proteins that possesses several conserved motifs which include the highly conserved DEAD (Asp-Glu-Ala-Asp) amino acid sequence motif. The major activity of DEAD box proteins is to function as ATP-dependent RNA helicases. As helicases, DEAD proteins play an important role in all aspects of RNA metabolism and function which include pre-mRNA splicing, RNA synthesis, RNA degradation, RNA export, RNA translation, RNA secondary structure formation, ribosome biogenesis, and the assembly of RNP complexes. Some members of the DEAD box proteins also exhibit functions involved in transcriptional regulation. DDX21 has been shown to be required for the processing of 20S rRNA to 18S and has also been shown to be important for c-Jun transcriptional activation.
Product Categories/Family for anti-DDX21 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50659095
NCBI GeneID	9188
NCBI Accession #	NP_004719.2
NCBI GenBank Nucleotide #	NM_004728.2
UniProt Accession #	Q9NR30; Q13436; Q5VX41; Q68D35; B2RDL0; Q3SWU7; Q8NI92
Molecular Weight	87,344 Da
NCBI Official Full Name	nucleolar RNA helicase 2
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21
NCBI Official Symbol	DDX21
NCBI Official Synonym Symbols	GUA; GURDB; RH-II/GU; RH-II/GuA; DKFZp686F21172
NCBI Protein Information	nucleolar RNA helicase 2; RH II/Gu; gu-alpha; Gu protein; OTTHUMP00000019713; DEAD box protein 21; RNA helicase II/Gu alpha; nucleolar RNA helicase Gu; nucleolar RNA helicase II; 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-immunoprecipitation-western-blot-elisa/211062