

Datasheet: VPA00249

**BATCH NUMBER 151204**

<b>Description:</b>	RABBIT ANTI DDX21
<b>Specificity:</b>	DDX21
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH conjugated synthetic peptide between 128-156 amino acids from the N-terminal region of human DDX21

### External Database Links

#### UniProt:

[Q9NR30](#)

[Related reagents](#)

**Entrez Gene:**[9188](#) DDX21 [Related reagents](#)

**Specificity** **Rabbit anti Human DDX21 antibody** recognizes nucleolar RNA helicase 2, also known as DEAD (Asp-Glu-Ala-Asp) box polypeptide 21, DEAD box protein 21, Gu protein, RH II/Gu, RNA helicase II/Gu alpha, gu-alpha and nucleolar RNA helicase Gu.

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. Encoded by the DDX21 gene, nucleolar RNA helicase 2 is 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).

Rabbit anti Human DDX21 antibody detects a band of 87 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting** Anti DDX21 detects a band of approximately 87 kDa in K562 cell lysates

**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

**Guarantee** 12 months from date of despatch

**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00249>  
Antibody (10040)

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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