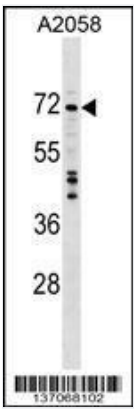
DDX56 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DDX56, Polyclonal Antibody
Full Product Name	DDX56, CT (DDX56, DDX21, NOH61, Probable ATP-dependent RNA helicase DDX56, ATP-dependent 61kD nucleolar RNA helicase, DEAD box protein 21, DEAD box protein 56)
Product Gene Name	anti-DDX56 antibody
Product Synonym Names	Anti -DDX56, CT (DDX56, DDX21, NOH61, Probable ATP-dependent RNA helicase DDX56, ATP-dependent 61kD nucleolar RNA helicase, DEAD box protein 21, DEAD box protein 56)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	61,590 Da
OMIM	608023
3D Structure	ModBase 3D Structure for Q9NY93
Immunogen	DDX56 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 517-546 amino acids from the C-terminal region of human DDX56.
Product Categories/Family for anti-DDX56 antibody	Antibodies; Abs to DEAD Box Proteins
Applications Tested/Suitable for anti-DDX56 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-DDX56 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-DDX56 antibody	This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit.
Other Notes	Small volumes of anti-DDX56 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for DDX56 purchase	MBS6013204 is an antibody targeting DDX56. Also known as DDX56, CT (DDX56, DDX21, NOH61, Probable ATP-dependent RNA helicase DDX56, ATP-dependent 61kD nucleolar RNA helicase, DEAD box protein 21, DEAD box protein 56). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DDX56 antibody
DDX56 Antibody (C-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the DDX56 antibody detected the DDX56 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DDX56. It may not necessarily be applicable to this product.

NCBI GI #	48146543
NCBI Accession #	CAG33494.1
UniProt Primary Accession #	Q9NY93
UniProt Secondary Accession #	Q6IAE2; Q9H9I8; A4D2K9; C9JV95
NCBI Official Full Name	DDX56
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX56
UniProt Synonym Protein Names	ATP-dependent 61 kDa nucleolar RNA helicase; DEAD box protein 21; DEAD box protein 56
Protein Family	Probable ATP-dependent RNA helicase
UniProt Gene Name	DDX56
UniProt Synonym Gene Names	DDX21; NOH61
UniProt Entry Name	DDX56_HUMAN
UniProt Comments for DDX56	DDX56: May play a role in later stages of the processing of the pre-ribosomal particles leading to mature 60S ribosomal subunits. Has intrinsic ATPase activity. Belongs to the DEAD box helicase family. DDX56/DBP9 subfamily. Protein type: EC 3.6.4.13; Nucleolus; Helicase Chromosomal Location of Human Ortholog: 7p13 Cellular Component: membrane; nucleolus Molecular Function: ATP binding; ATP-dependent RNA helicase activity Biological Process: rRNA processing

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ddx56/6013204