

Datasheet for ABIN2775199
anti-DDX23 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DDX23
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX23 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DDX23
Sequence:	EDSAVFYELK QAILESPVSS CPPELANHPD AQHKPGTILT KKRREETIFA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDX23. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	DDX23
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Target Details

Alternative Name:	DDX23 (DDX23 Products)
Background:	DDX23 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 is a component of the U5 snRNP complex, it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined. Alias Symbols: prp28, PRPF28, U5-100K, U5-100KD Protein Interaction Partner: SUMO2, STAU1, UBC, RPA3, RPA2, RPA1, ERG, SUZ12, WBP4, PRPF4B, PAXIP1, PHF5A, SF3A3, SART1, THOC5, PURA, RNU6ATAC, RNU4ATAC, TERF2IP, TERF1, SIRT7, HNRNPA1, SF3A2, SUMO1, Prpf8, TOP1, SNW1, TP63, TP73, MEPCE, USP39, PRPF4, OTUB1, RNPS1, CD2BP2, Protein Size: 820
Molecular Weight:	90 kDa
Gene ID:	9416
NCBI Accession:	NM_004818 , NP_004809
UniProt:	Q9BUQ8
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 820 AA
Restrictions:	For Research Use only

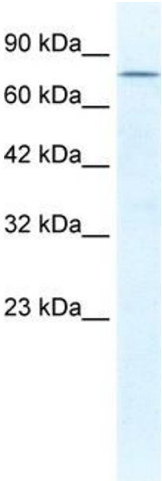
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DDX23 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate DDX23 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells