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DDX46 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10983

Product Information

Application	WB
Primary Accession	Q7L014
Other Accession	NM_014829, NP_055644
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117362

Additional Information

Gene ID	9879
Alias Symbol	FLJ25329, KIAA0801, MGC9936, PRPF5, Prp5
Other Names	Probable ATP-dependent RNA helicase DDX46, 3.6.4.13, DEAD box protein 46, PRP5 homolog, DDX46, KIAA0801
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DDX46 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DDX46 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

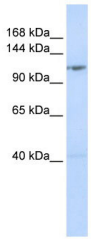
Protein Information

Name	DDX46 {ECO:0000303|PubMed:36797247, ECO:0000312|HGNC:HGNC:18681}
Function	Component of the 17S U2 SnRNP complex of the spliceosome, a large ribonucleoprotein complex that removes introns from transcribed pre-mRNAs (PubMed:12234937, PubMed:32494006, PubMed:34822310, PubMed:36797247). The 17S U2 SnRNP complex (1) directly participates in early spliceosome assembly and (2) mediates recognition of the intron branch site during pre-mRNA splicing by promoting the selection of the pre-mRNA branch-site adenosine, the nucleophile for the first step of splicing (PubMed:32494006, PubMed:34822310). Within the 17S U2 SnRNP complex, DDX46 plays essential roles during assembly of pre-spliceosome and

proofreading of the branch site (PubMed:34822310).

Cellular Location Nucleus speckle. Nucleus, Cajal body. Note=Present in Cajal bodies (CBs) and nuclear speckles.

Images



WB Suggested Anti-DDX46 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate
DDX46 is supported by BioGPS gene expression data to be expressed in MCF7

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.