

Product datasheet for **TA341593**

DDX46 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDX46 antibody: synthetic peptide directed towards the middle region of human DDX46. Synthetic peptide located within the following region: LAEKINAKLNYVPLEKQEEERQDGGQNESFKRYEEEELEINDFPQTARWKV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	117 kDa
Gene Name:	DEAD-box helicase 46
Database Link:	NP_055644 Entrez Gene 9879 Human Q7L014



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Background: 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 is a component of the 17S U2 snRNP complex; it plays an important role in pre-mRNA splicing. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2014]

Synonyms: Prp5; PRPF5

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 86%

Protein Pathways: Spliceosome

Product images:



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