

## Product datasheet for **TA341598**

### DDX47 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-DDX47 antibody: synthetic peptide directed towards the N terminal of human DDX47. Synthetic peptide located within the following region: AAPEEHDSPTASQPIVEEEETKTFKDLGVTDVLC EACDQLGWTKPTKIQ |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><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: | 50 kDa   |
| Gene Name:              | DEAD-box helicase 47   |
| Database Link:          | <a href="#">NP_057439</a><br><a href="#">Entrez Gene 51202 Human</a><br><a href="#">Q9H0S4</a>   |



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**Background:**

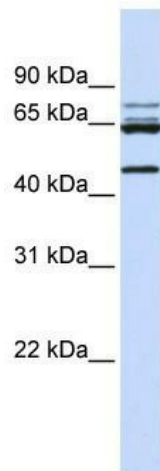
This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, 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 can shuttle between the nucleus and the cytoplasm, and has an RNA-independent ATPase activity. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

E4-DBP; HQ0256; MSTP162; RRP3

**Note:**

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Horse: 92%; Dog: 85%; Guinea pig: 83%

**Product images:**

WB Suggested Anti-DDX47 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: MCF7 cell lysate