

## **Product datasheet for TA341592**

### **EIF4A3 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-DDX48 antibody: synthetic peptide directed towards the middle

region of human DDX48. Synthetic peptide located within the following region:

QCHACIGGTNVGEDIRKLDYGQHVVAGTPGRVFDMIRRRSLRTRAIKMLV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 45 kDa

**Gene Name:** eukaryotic translation initiation factor 4A3

Database Link: NP 055555

Entrez Gene 9775 Human

P38919



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#### EIF4A3 Rabbit Polyclonal Antibody - TA341592

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 ofThis family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by This gene is a nuclear matrix protein. Its amino acid sequence is highly similar to The amino acid sequences of The translation initiation factors eIF4AI and eIF4AII, two other members ofThe DEAD box protein family. [provided by

RefSeq, Jul 2008]

Synonyms: DDX48; eIF4AIII; MUK34; NMP265; NUK34; RCPS

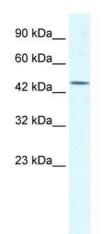
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Yeast: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome

**Protein Pathways:** Spliceosome

# **Product images:**



WB Suggested Anti-DDX48 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:312500; Positive Control: HepG2 cell lysateEIF4A3 is supported by BioGPS gene expression data to be expressed in

HepG2