

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: QCHACIGGTNVGEDIRKLDYQGQHVVAGTPGRVDFMIRRRSLRTRAIKMLV
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:	45 kDa
Gene Name:	eukaryotic translation initiation factor 4A3
Database Link:	NP_055555 Entrez Gene 9775 Human P38919



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Background:	This gene encodes a member ofThe DEAD box protein family. DEAD box proteins, characterized byThe 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 onTheir distribution patterns, some members ofThis family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division.The protein encoded byThis gene is a nuclear matrix protein. Its amino acid sequence is highly similar toThe amino acid sequences ofThe 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