

Product datasheet for **TA341622**

DDX54 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-DDX54 antibody: synthetic peptide directed towards the C terminal of human DDX54. Synthetic peptide located within the following region: GPNRGAKRRREEARQRDQEFYIPYRPKDFDSEGLSISGEGGAFEQQAAG
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:	97 kDa
Gene Name:	DEAD-box helicase 54
Database Link:	NP_076977 Entrez Gene 79039 Human Q8TDD1



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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 nucleolar protein encoded by this gene interacts in a hormone-dependent manner with nuclear receptors, and represses their transcriptional activity. Alternative splice variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Synonyms:

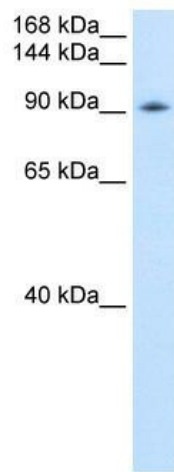
DP97

Note:

Immunogen Sequence Homology: Dog: 100%; Human: 100%; Bovine: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Rabbit: 92%; Zebrafish: 92%; Pig: 85%; Guinea pig: 85%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-DDX54 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: Transfected 293T