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**Product Name: DDX54 Rabbit Polyclonal Antibody****Catalog #: APRab09890**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** WB 1:500-1:2000,ELISA 1:5000-1:20000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	DDX54
<b>Alternative Names</b>	DDX54; ATP-dependent RNA helicase DDX54; ATP-dependent RNA helicase DP97; DEAD box RNA helicase 97 kDa; DEAD box protein 54
<b>Gene ID</b>	79039.0
<b>SwissProt ID</b>	Q8TDD1
<b>Immunogen</b>	Synthesized peptide derived from DDX54 . at AA range: 570-650

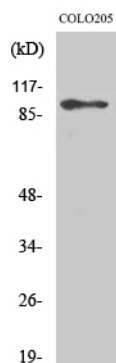
**Background**

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],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:Has RNA-dependent ATPase activity. Represses the transcriptional activity of nuclear receptors.,similarity:Belongs to the DEAD box helicase family. DDX54/DBP10 subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,subunit:Interacts in a hormone-dependent manner with nuclear receptors.,

## Research Area

## Image Data



Western Blot analysis of various cells using DDX54 Polyclonal Antibody.