

## DDX54 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02550
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from DDX54 . at AA range: 570-650
<b>Mol wt</b>	98595
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	DDX54 Antibody
<b>Synonyms</b>	DDX54; ATP-dependent RNA helicase DDX54; ATP-dependent RNA helicase DP97; DEAD box RNA helicase 97 kDa; DEAD box protein 54

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

DDX54 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 (DEAD-box helicase 54) encoded by DDX54 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 DDX54.

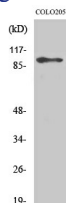
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using DDX54 Polyclonal Antibody cells nucleus.

### Storage

-20°C for one year