**Product Name: DDX8 Rabbit Polyclonal Antibody**
**Catalog #: APRab09894**
For research use only.

## Summary

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

## Application

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|---|---|
| **Dilution Ratio** | WB 1:500-1:2000,ELISA 1:5000-1:10000 |
| **Molecular Weight** | 150kDa |

## Antigen Information

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|---|---|
| **Gene Name** | DHX8 |
| **Alternative Names** | DHX8; DDX8; ATP-dependent RNA helicase DHX8; DEAH box protein 8; RNA helicase HRH1 |
| **Gene ID** | 1659.0 |
| **SwissProt ID** | Q14562 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human DHX8. AA range:391-440 |

## Background

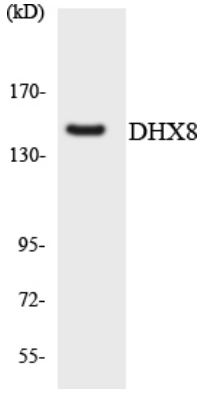
This gene is a member of the DEAH box polypeptide family. The encoded protein contains the DEAH (Asp-Glu-Ala-His) motif

which is characteristic of all DEAH box proteins, and is thought to function as an ATP-dependent RNA helicase that regulates the release of spliced mRNAs from spliceosomes prior to their export from the nucleus. This protein may be required for the replication of human immunodeficiency virus type 1 (HIV-1). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014],domain:The RS domain confers a nuclear localization signal, and appears to facilitate the interaction with the spliceosome.,function:Facilitates nuclear export of spliced mRNA by releasing the RNA from the spliceosome.,similarity:Belongs to the DEAD box helicase family. DEAH subfamily. DDX8/PRP22 sub-subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 1 S1 motif domain.,subunit:Identified in the spliceosome C complex, at least composed of AQR, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PPIE, PPIL1, PPIL3, PPWD1, PRPF19, PRPF4B, PRPF6, PRPF8, RALY, RBM22, RBM8A, RBMX, SART1, SF3A1, SF3A2, SF3A3, SF3B1, SF3B2, SF3B3, SFRS1, SKIV2L2, SNRNP200, SNRNP40, SNRPA1, SNRPB, SNRPB2, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF, SNRPG, SNW1, SRRM1, SRRM2, SYF2, SYNCRIP, TFIP11, THOC4, U2AF1, XAB2 and ZCCHC8.,

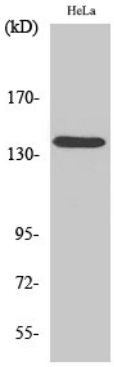
## Research Area

Spliceosome;

## Image Data




Western blot analysis of the lysates from HeLa cells using DHX8 antibody.




Western Blot analysis of various cells using DDX8 Polyclonal Antibody diluted at 1: 500.