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# DHX8 Rabbit mAb

Catalog # AP75357

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q14562 |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Purification** | Affinity Purified |
| **Calculated MW** | 139315 |

## Additional Information

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|---|---|
| **Gene ID** | 1659 |
| **Other Names** | DHX8 |
| **Dilution** | WB~~1:500-1:1000 |
| **Format** | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Protein Information

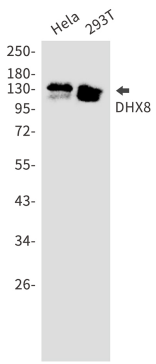
| | |
|---|---|
| **Name** | DHX8 |
| **Synonyms** | DDX8 |
| **Function** | Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770). Facilitates nuclear export of spliced mRNA by releasing the RNA from the spliceosome (PubMed:8608946). |
| **Cellular Location** | Nucleus |
| **Tissue Location** | Expressed in skin, cervix and nerve. Also expressed in the brain. |

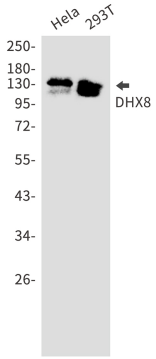
## Background

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.

## Images




Western blot analysis of DHX8 in Hela, 293T lysates using DHX8 antibody.

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