

Datasheet for ABIN1415493  
**anti-DHX32 antibody (AA 561-660) (HRP)**



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## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | DHX32                                                                                                                                            |
| Binding Specificity: | AA 561-660                                                                                                                                       |
| Reactivity:          | Rat                                                                                                                                              |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This DHX32 antibody is conjugated to HRP                                                                                                         |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human DHX32 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Rat                                                       |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Pig,Rabbit                            |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | DHX32                                    |
| Alternative Name: | DHX32 ( <a href="#">DHX32 Products</a> ) |

## Target Details

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| Background: | <p>Synonyms: Ddx32, DEAD/H Asp-Glu-Ala-Asp/His box polypeptide 32, DEAD/H box 32, DEAD/H helicase like protein 1, DEAH Asp-Glu-Ala-His box polypeptide 32, DEAH box protein 32, DHLP1, DHX32, Helicase DDX32, HuDDX32, Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32, DHX32_HUMAN.</p> <p>Background: DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX32 is a 743 amino acid nuclear protein that localizes to the mitochondria and is a member of the DEAD box helicase family. Expressed in various tissues, DDX32 is up-regulated by ionomycin in T lymphocytes and down-regulated in acute lymphoblastic leukemia. Considered a novel RNA helicase, DDX32 may play an important role in the development of colorectal cancer and may be involved in regulating T-cell response to certain apoptotic stimuli.</p> |
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## Application Details

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|--------------------|-----------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                               |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |

Handling

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|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months                                                                         |