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Datasheet for ABIN1397620
anti-DHX32 antibody (AA 561-660) (Biotin)

Overview

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

Product Details

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| 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

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| Target: | DHX32 |
| Alternative Name: | DHX32 (DHX32 Products) |

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 IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |