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Datasheet for ABIN7468222 **anti-DDX47 antibody**

Overview

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| Quantity: | 100 µL |
| Target: | DDX47 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DDX47 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the center region of human DDX47. The exact sequence is proprietary. |
| Isotype: | IgG |
| Specificity: | Knockdown/Knockout validation was supported by references (PMID:26990993) |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |
| Grade: | KO Validated |

Target Details

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| Target: | DDX47 |
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Target Details

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| Alternative Name: | DEAD-box helicase 47 (DDX47 Products) |
| Background: | <p>Synonyms: DEAD-box helicase 47 , E4-DBP , HQ0256 , MSTP162 , RRP3</p> <p>Background: This gene 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 protein encoded by this gene can shuttle between the nucleus and the cytoplasm, and has an RNA-independent ATPase activity. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]</p> |
| Molecular Weight: | 51 kDa |
| Gene ID: | 51202 |
| UniProt: | Q9H0S4 |

Application Details

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| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: IMR32 Validation: KO/KD |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid |

multiple freeze-thaw cycles.