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Datasheet for ABIN7465776 **anti-EXOSC2 antibody**

Overview

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| Quantity: | 100 µL |
| Target: | EXOSC2 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EXOSC2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the center region of human RRP4. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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| Target: | EXOSC2 |
| Alternative Name: | exosome component 2 (EXOSC2 Products) |
| Background: | Exosome component 2 , RRP4 , Rrp4p , SHRF , hRrp4p , p7,Component of the exosome 3'->5' exoribonuclease complex, a complex that degrades inherently unstable mRNAs containing AU- |

Target Details

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| | rich elements (AREs) within their 3' untranslated regions. Required for the 3' processing of the 7S pre-rRNA to the mature 5.8S rRNA. Has a 3'-5' exonuclease activity. |
| Molecular Weight: | 33 kDa |
| Gene ID: | 23404 |
| UniProt: | Q13868 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

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| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: HCT116 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 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. |