

Datasheet for ABIN7635143 **anti-ABCB7 antibody**



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Overview

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| Quantity: | 100 µL |
| Target: | ABCB7 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABCB7 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

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| Purpose: | Polyclonal Antibody to ATP Binding Cassette Transporter B7 (ABCB7) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against ABCB7. It has been selected for its ability to recognize ABCB7 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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| Target: | ABCB7 |
| Alternative Name: | ABCB7 (ABCB7 Products) |

Target Details

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| Background: | ABC-B7, ABC7, ASAT, Atm1p, ATP-binding cassette sub-family B member 7, mitochondrial |
| UniProt: | O75027 |
| Pathways: | Transition Metal Ion Homeostasis |

Application Details

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| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 500 µg/mL |
| Buffer: | PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300. |
| Preservative: | Dithiothreitol (DTT), ProClin |
| Precaution of Use: | This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |