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Datasheet for ABIN7432943

anti-ABCG2 antibody (AA 1-290)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ABCG2 |
| Binding Specificity: | AA 1-290 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABCG2 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 G2 (ABCG2) |
| Immunogen: | Recombinant ATP Binding Cassette Transporter G2 (ABCG2) corresponding to Met1~Pro290 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against ABCG2. It has been selected for its ability to recognize ABCG2 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|-------|
| Target: | ABCG2 |
|---------|-------|

Target Details

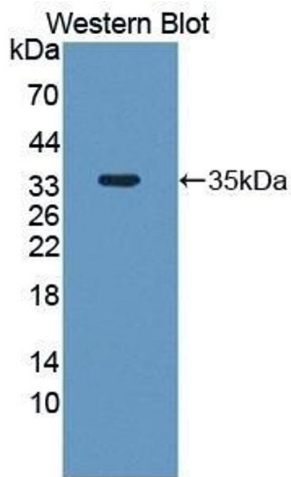
| | |
|-------------------|---|
| Alternative Name: | ATP Binding Cassette Transporter G2 (ABCG2 Products) |
| Background: | CDw338, CD338, ABC-G2, MRX, BCRP1, ABC15, ABCP, BCRP, BMDP, MXR, MXR1, Mitoxantrone resistance-associated protein, Breast Cancer Resistance Protein 1, Urate exporter |
| Pathways: | Transition Metal Ion Homeostasis |

Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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: | 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. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant ABCG2, Human using Polyclonal Antibody to ATP Binding Cassette Transporter G2 (ABCG2)