Datasheet for ABIN7372523 anti-ABCG2 antibody (AA 296-371) (Biotin)

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| Quantity: | 50 µg |
|----------------------|---|
| Target: | ABCG2 |
| Binding Specificity: | AA 296-371 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABCG2 antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| Immunogen: | Recombinant Human ATP-binding cassette sub-family G member 2 protein (296-371AA) |
|-------------------|--|
| lsotype: | lgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| Target: | ABCG2 |
|-------------------|--|
| Alternative Name: | ABCG2 (ABCG2 Products) |
| Background: | Background: High-capacity urate exporter functioning in both renal and extrarenal urate |
| | excretion. Plays a role in porphyrin homeostasis as it is able to mediates the export of |

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| | protoporhyrin IX (PPIX) both from mitochondria to cytosol and from cytosol to extracellular |
|-----------|--|
| | space, and cellular export of hemin, and heme. Xenobiotic transporter that may play an |
| | important role in the exclusion of xenobiotics from the brain. Appears to play a major role in the |
| | multidrug resistance phenotype of several cancer cell lines. Implicated in the efflux of |
| | numerous drugs and xenobiotics: mitoxantrone, the photosensitizer pheophorbide, |
| | camptothecin, methotrexate, azidothymidine (AZT), and the anthracyclines daunorubicin and |
| | doxorubicin. |
| | Aliases: ABC transporter antibody, ABC15 antibody, ABCG 2 antibody, ABCG2 antibody, |
| | ABCG2_HUMAN antibody, ABCP antibody, ATP binding cassette sub family G (WHITE) member |
| | 2 antibody, ATP binding cassette transporter G2 antibody, ATP-binding cassette sub-family G |
| | member 2 antibody, BCRP antibody, BCRP1 antibody, BMDP antibody, Breast cancer resistance |
| | protein antibody, CD338 antibody, CDw338 antibody, CDw338 antigen antibody, EST157481 |
| | antibody, GOUT1 antibody, MGC102821 antibody, Mitoxantrone resistance associated protein |
| | antibody, Mitoxantrone resistance-associated protein antibody, MRX antibody, Multi drug |
| | resistance efflux transport ATP binding cassette sub family G (WHITE) member 2 antibody, |
| | MXR antibody, MXR1 antibody, Placenta specific ATP binding cassette transporter antibody, |
| | Placenta specific MDR protein antibody, Placenta-specific ATP-binding cassette transporter |
| | antibody, UAQTL1 antibody |
| UniProt: | Q9UNQ0 |
| Pathways: | Transition Metal Ion Homeostasis |
| | |

Application Details

| Application Notes: | Optimal working dilution should be determined by the investigator. |
|--------------------|---|
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

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Handling

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Storage Comment:

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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