

ARG64675 anti-ABCC1 / MRP1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes ABCC1 / MRP1 |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat, Cow, Dog, Pig |
| Tested Application | WB |
| Specificity | This antibody is expected to recognize all reported isoforms (NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2). |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | ABCC1 / MRP1 |
| Species | Human |
| Immunogen | C-HQSDLKVDENQKAYY |
| Conjugation | Un-conjugated |
| Alternate Names | GS-X; ATP-binding cassette sub-family C member 1; ABCC; Leukotriene C; ABC29; MRP; 4; LTC4 transporter; MRP1; Multidrug resistance-associated protein 1 |

Application Instructions

| | | |
|-------------------|--|------------------|
| Application table | Application | Dilution |
| | WB | 0.05 - 0.2 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed |

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 4363 Human](#)

[Swiss-port # P33527 Human](#)

Background

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra-and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternatively spliced variants of this gene have been described but their full-length nature is unknown. [provided by RefSeq, Apr 2012]

Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

172 kDa

Images



ARG64675 anti-ABCC1 / MRP1 antibody WB image

Western blot: A549 lysate (35 µg protein in RIPA buffer) stained with ARG64675 anti-ABCC1 / MRP1 antibody at 0.05 µg/ml dilution.