

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS09 472**

MRP1, ABCC1 | ABC transporter C family member 1

Product information

Immunogen | KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* MRP1, UniProt: [Q9C8G9](#), TAIR: [At1g30400](#)

Host | Rabbit

Clonality | Polyclonal

Purity | Serum

Format | Lyophilized

Quantity | 100 µl

Reconstitution | For reconstitution add 100 µl of sterile water.

Storage | Store lyophilized/reconstituted at -20°C; make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tubes.

Additional information | 0.1 % sodium azide is added as preservative. For antibody re-suspending information check the tube label.

Antibodies will detect target protein in a few µg of a crude preparation loaded per well. If purified preparations of vacuolar and plasma membranes are used, one µg load per well should be sufficient.

Application information

Recommended dilution | 1 : 8000 (ELISA), 1 : 2000 (WB)

Expected | apparent MW | 181.9 | 180 kDa (*Arabidopsis thaliana*)

Confirmed reactivity | *Arabidopsis thaliana*

Predicted reactivity | *Oryza sativa*, *Populus balsamifera*, *Physcomitrella patens*, *Triticum aestivum*, *Vitis vinifera*
Species of your interest not listed? [Contact us](#)

Not reactive in | No confirmed exceptions from predicted reactivity are currently known.

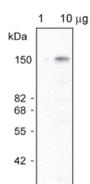
Additional information | Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel.

Diluted antibody solution can be used 2 to 3 times within one month if it contains 0.1 % sodium azide as preservative and is stored at -20°C to -80°C.

For high resolution images, please visit the specific product page at www.agrisera.com

Selected references | [Geisler et al., \(2004\)](#). Arabidopsis Immunophilin-like TWD1 Functionally Interacts with Vacuolar ABC Transporters. *Mol. Biol. Cell.* 15, 3393-3405.

Application example



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1 µg and 10 µg of crude membrane fraction/lane from *Arabidopsis thaliana* were separated on 12 % **SDS-PAGE** and blotted 1h to PVDF membrane (40 min. at 10 V using BioRad semidry transfer). Filters were blocked 1h with 5 % low-fat **milk powder** in TBS-T (0.05% Triton X.100). Membranes were washed 5 times with TBS-T, each time in a fresh polystyrene box and probed with anti-AtMTP4 antibodies (AS09 472, **1:1000**, 1h) and secondary anti-rabbit (**1:2000**, 1 h). All steps were performed in RT with agitation.