Tom 9,2 | Mitochondrial import receptor subunit TOM9,2

CD BioSciences
Plant Protein

Cat *PA01103*

Size *50 µl*

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana

Immunogen
Recombinant full length protein (coding region) of Tom9.2 Arabidopsis thaliana UniProt: Q9FNC9 TAIR: AT5G43970

Host
Rabbit

Clonality
Polyclonal

Purity
Serum

Format
Lyophilized

Reconstitution
For reconstitution add 50 µl of sterile water

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

Application
Western blot (WB)

Recommended dilution
1 : 1000 (WB)

Expected | apparent MW
10 | 9 kDa

Confirmed reactivity
Arabidopsis thaliana

Predicted reactivity
Hordeum vulgare, Musa sp., Oryza sativa, Phaseolus vulgaris, Physcomitrium patens, Ricinus communis, Solanum tuberosum, Triticum aestivum, Zea mays

Not reactive in
Ostreococcus tauri

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
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Additional information

Antibody works on whole leaf extracts and isolated mitochondria; requires Tricine gels for sharp bands due to the small MW

Description

TOM9(mitochondrial input receptor subunit TOM9) is a core component of the receptor complex and is responsible for the recognition and translocation of mitochondrial preproteins synthesized within the cell. Optional names: Mitochondrial input receptor subunit TOM22 cognate 2, outer membrane 22kda subunit cognate 2, outer membrane 9kda subunit TOM9-2

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