

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS16 4049

ClpP1 | ATP-dependent Clp protease proteolytic subunit 1 (chloroplastic)

Product information

Immunogen N-terminal 23 amino acid sequence of the *Arabidopsis thaliana* ClpP1 protein fused to the MBP (maltose binding protein). TAIR: <u>ATCG006</u>, UniProt: <u>P56772</u>.

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 ul

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 information

Recommended dilution 1:1000 (WB)

Expected | apparent MW 22 | 20,5 kDa

Confirmed reactivity | Arabidopsis thaliana

Predicted reactivity Brassica napus, Cannabis sativa, Capsella grandiflora, Cardamine impatiens, Cochlearia borzaeana, Eutrema

halophilum, lonopsidium acaule, Isatis tinctoria, Lepidium densiflorum, Nasturtium officinale, Pachycladon cheesemanii,

Pugionium cornutum, Raphanus sativus Species of your interest not listed? Contact us

Not reactive in Solanum lycopersicum

Additional information For western blot detection image refer to the article below

Selected references Zheng et al. (2002). Characterization of Chloroplast Clp proteins in Arabidopsis: Localization, tissue specificity and

stress responses. Physiol Plant. 2002 Jan;114(1):92-101.