

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

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Product no AS16 4055

Anti-ClpR2 | ATP-dependent Clp protease proteolytic subunit-related protein 2 (chloroplastic) Product information

Immunogen BSA-conjugated peptide derived from ClpR2 of *Arabidopsis thaliana*, TAIR: <u>AT1G12410</u>, UniProt: <u>Q9XJ36</u>.

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 นโ

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 31 | 25 kDa

Predicted reactivity Beta vulgaris subsp. vulgaris, Brassica napus, Eucalyptus grandis, Gossypium arboreum, Phaseolus vulgaris, Spinacia

oleracea

Species of your interest not listed? Contact us

Not reactive in Zea mays

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

Selected references Siögren et al. (2004). Inactivation of the clpC1 gene encoding a chloroplast Hsp100 molecular chaperone causes growth retardation, leaf chlorosis, lower photosynthetic activity, and a specific reduction in photosystem content. Plant

Physiol. 2004 Dec;136(4):4114-26. Epub 2004 Nov 24.