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Product no AS16 4057

ClpR4 | ATP-dependent Clp protease proteolytic subunit-related protein 4 (chloroplastic)

Product information

Immunogen	BSA-conjugated peptide derived from ClpR4 of *Arabidopsis thaliana*, TAIR: AT4G17040, UniProt: Q8LB10
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
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 : 4000 (WB)
Expected | apparent MW	33,4 | 24,5 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica oleracea, Cajanus cajan, Capsella rubella, Coffea canephora, Cucumis sativus, Erythranthe guttata, Eutrema salsugineum, Genlisea aurea, Glycine max, Jatropha curcas, Medicago truncatula, Morus notabilis, Populus trichocarpa, Ricinus communis, Solanum lycopersicum, Solanum tuberosum, Vitis vinifera* 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	Sjögren 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.