

Product no **AS16 4055****ClpR2 | ATP-dependent Clp protease proteolytic subunit-related protein 2 (chloroplastic)****Product information**

Immunogen	BSA-conjugated peptide derived from ClpR2 of <i>Arabidopsis thaliana</i> , TAIR: AT1G12410 , UniProt: Q9XJ36 .
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 : 1000 (WB)
Expected apparent MW	31 25 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Beta vulgaris subsp. vulgaris</i> , <i>Brassica napus</i> , <i>Eucalyptus grandis</i> , <i>Gossypium arboreum</i> , <i>Phaseolus vulgaris</i> , <i>Spinacia oleracea</i> Species of your interest not listed? Contact us
Not reactive in	<i>Zea mays</i>
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.