

Product no **AS16 4049**

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

### Product information

<b>Immunogen</b>	N-terminal 23 amino acid sequence of the <i>Arabidopsis thaliana</i> ClpP1 protein fused to the MBP (maltose binding protein). TAIR: <a href="#">ATCG006</a> , UniProt: <a href="#">P56772</a> .
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	22   20.5 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Brassica napus</i> , <i>Cannabis sativa</i> , <i>Capsella grandiflora</i> , <i>Cardamine impatiens</i> , <i>Cochlearia borzaeana</i> , <i>Eutrema halophilum</i> , <i>Ionopsidium acaule</i> , <i>Isatis tinctoria</i> , <i>Lepidium densiflorum</i> , <i>Nasturtium officinale</i> , <i>Pachycladon cheesemanii</i> , <i>Pugionium cornutum</i> , <i>Raphanus sativus</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Solanum lycopersicum</i>
<b>Additional information</b>	For western blot detection image refer to the article below
<b>Selected references</b>	<a href="#">Zheng</a> et al. (2002). Characterization of Chloroplast Clp proteins in Arabidopsis: Localization, tissue specificity and stress responses. <i>Physiol Plant</i> . 2002 Jan;114(1):92-101.