

Product no **AS16 4048**

## Anti-ClpD | Chaperone protein ClpD (chloroplastic)

### Product information

<b>Immunogen</b>	C-terminal 170 amino acid sequence of the <i>Arabidopsis thaliana</i> ClpD protein fused to the MBP (maltose binding protein), TAIR: <a href="#">AT5G51070</a> , UniProt: <a href="#">P42762</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 : 5000 (WB)
<b>Expected   apparent MW</b>	103   102 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	This antibody is slightly cross reacting with ClpC. Image on page 96 in <a href="#">Zheng et al. (2002)</a> . For western blot detection image refer to the article below.
<b>Selected references</b>	<a href="#">Zheng et al. (2002)</a> . Characterization of Chloroplast Clp proteins in Arabidopsis: Localization, tissue specificity and stress responses. <i>Physiol Plant</i> . 2002 Jan;114(1):92-101.