

# Agrisera

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Product no **AS15 3077**

## pClpP | Chloroplastic ATP-dependent Clp protease proteolytic subunit 1

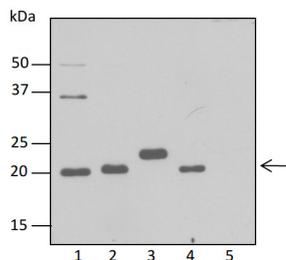
### Product information

<b>Immunogen</b>	Full length, recombinant pClpP protein from <i>Arabidopsis thaliana</i> , UniPro: <a href="#">P56772</a> , TAIR: <a href="#">ATCG00670</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 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 tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

### Application information

<b>Recommended dilution</b>	1 : 5 000 (WB)
<b>Expected   apparent MW</b>	22 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Nicotiana tabacum</i> , <i>Spinacia oleracea</i> , <i>Solanum lycopersicum</i>
<b>Predicted reactivity</b>	<i>Aethionema grandiflorum</i> , <i>Arabis hirsuta</i> , <i>Barbarea verna</i> , <i>Brassica napus</i> , <i>Capsella bursa-pastoris</i> , <i>Cardamine impatiens</i> , <i>Carica papaya</i> , <i>Coffea arabica</i> , <i>Crucihimalaya wallichii</i> , <i>Daucus carota</i> , <i>Draba nemorosa</i> , <i>Ehretia acuminata</i> , <i>Ellisia nyctelea</i> , <i>Forsythia europaea</i> , <i>Hesperelaea palmeri</i> , <i>Lepidium virginicum</i> , <i>Lobularia maritima</i> , <i>Nasturtium officinale</i> , <i>Nicotiana tabacum</i> , <i>Olea europaea subsp. maroccana</i> , <i>Olimarabidopsis pumila</i> , <i>Pachycladon cheesemanii</i> , <i>Raphanus sativus</i> , <i>Scutellaria baicalensis</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Hordeum vulgare</i>

#### application example



20 µg of total protein from leaf extract from *Spinacia oleracea* (1), *Arabidopsis thaliana* (2), *Solanum lycopersicum* (3), *Nicotiana tabacum* (4), *Hordeum vulgare* (5) leaves were separated on 12 % SDS-PAGE and blotted 1h to PVDF using tank transfer. Blots were blocked with 5 % milk in TBS for 1h at room temperature (RT) with agitation. Blot was incubated in the primary anti-ClpP antibody at a dilution of 1: 5 000 for 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h at RT with agitation. The blot was washed as above and developed for 2 min with ECL according to the manufacturer's instructions. Exposure time was 5 seconds.