Product no AS16 4041

ClpP1 | ATP-dependent Clp protease proteolytic subunit 1 (cyanobacterial)

Product information

- **Background**: ClpP1 (ATP-dependent Clp protease proteolytic subunit 1) is one of three different isozymes of ClpP protease.
- **Immunogen**: Full length *Synechococcus* sp. strain PCC 7942 ClpP1 protein fused to MBP (maltose binding protein). UniProt: P54415
- **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 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.

Tested applications: Western blot (WB)

**Related products**
- AS16 4042 | Anti-ClpP2 | ATP-dependent Clp protease proteolytic subunit 2, rabbit antibodies
- AS16 4043 | Anti-ClpP3 | ATP-dependent Clp protease proteolytic subunit 3, rabbit antibodies
- Collection of antibodies to chaperone proteins
- Plant protein extraction buffer
- Secondary antibodies

Additional information
- This antibody does not cross react with other Clp isoforms.

Application information

- **Recommended dilution**: 1:4000 (WB)
- **Expected | apparent MW**: 22 kDa
- **Confirmed reactivity**: *Synechococcus* sp. strain PCC 7942, *Synechocystis* sp. strain PCC 6803
- **Predicted reactivity**: Cyanobacteria
- **Not reactive in**: No confirmed exceptions from predicted reactivity are currently known.

Additional information
- For western blot detection image refer to the article below.

**Selected references**