

Product no **AS06 145****Anti-LTP | vesicle-inducing protein in plastids (VIPP1)****Product information**

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|-----------------------|---|
| <b>Immunogen</b>      | Recombinant VIPP1 of <i>Chlamydomonas reinhardtii</i> , UniProt: <a href="#">Q66YD0</a>   |
| <b>Host</b>           | Rabbit  |
| <b>Clonality</b>      | Polyclonal  |
| <b>Purity</b>         | Serum   |
| <b>Format</b>         | Lyophilized   |
| <b>Quantity</b>       | 200 µl  |
| <b>Reconstitution</b> | For reconstitution add 200 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**

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|-------------------------------|---|
| <b>Recommended dilution</b>   | 1 : 2000 (WB)   |
| <b>Expected   apparent MW</b> | 34 kDa  |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i> , <i>Chlamydomonas reinhardtii</i>  |
| <b>Predicted reactivity</b>   | <i>Synechococcus</i> sp.  |
|                               | Species of your interest not listed? <a href="#">Contact us</a>   |
| <b>Not reactive in</b>        | <i>Pheodactylum tricornutum</i>   |
| <b>Selected references</b>    | <p><a href="#">Jeran</a> et al. (2021) The PUB4 E3 Ubiquitin Ligase Is Responsible for the Variegated Phenotype Observed upon Alteration of Chloroplast Protein Homeostasis in Arabidopsis Cotyledons. <i>Genes</i> (Basel). 2021 Sep 6;12(9):1387. doi: 10.3390/genes12091387. PMID: 34573369; PMCID: PMC8464772.</p> <p><a href="#">Friedt</a> et al. (2015). The thylakoid membrane protein CGL160 supports CF1CF0 ATP synthase accumulation in Arabidopsis thaliana. <i>PLoS One</i>. 2015 Apr 2;10(4):e0121658. doi: 10.1371/journal.pone.0121658.</p> <p><a href="#">Kroll</a> et al. (2001) VIPP1, a nuclear gene of Arabidopsis thaliana essential for thylakoid membrane formation. <i>Proc Natl Acad Sci U S A</i> 98: 4238-4242.</p> |