

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

Immunogen	Recombinant VIPP1 of <i>Chlamydomonas reinhardtii</i> , UniProt: Q66YD0
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	200 µl
Reconstitution	For reconstitution add 200 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 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

Recommended dilution	1 : 2000 (WB)
Expected apparent MW	34 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Chlamydomonas reinhardtii</i>
Predicted reactivity	<i>Synechococcus</i> sp.
	Species of your interest not listed? Contact us
Not reactive in	<i>Pheodactylum tricornutum</i>
Selected references	<p>Jeran 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>Friedt 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>Kroll 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>