

product **AS06 176**
CGE1 | alfa-CGE1, chloroplastic GrpE homolog

product information

background	CGE1 is a nuclear-encoded, chloroplast-targeted co-chaperone of chloroplast HSP70B. It forms dimers that interact with HSP70B in the ADP-state.
immunogen	mature CGE1 protein of <i>Chlamydomonas reinhardtii</i> , expressed with N-terminal hexahistidin tag in <i>E. coli</i> , purified with Ni-NTA
antibody format	rabbit polyclonal serum lyophilized
quantity	100 µl for reconstitution add 100 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) immunoprecipitation (IP)
additional information	to be added when available

application information

recommended dilution	1:10 000 with standard ECL (WB)
expected apparent MW	24 27-28 kDa (SDS PAGE)
confirmed reactivity	<i>Chlamydomonas reinhardtii</i>
predicted reactivity	<i>Chlamydomonas reinhardtii</i>
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	to be added when available
selected references	Schroda et al. (2001) The chloroplastic GrpE homolog of <i>Chlamydomonas</i> : two isoforms generated by differential splicing. <i>Plant Cell</i> 13, 2823-2839.