

Product no **AS10 1615****HliD | High light inducible protein****Product information**

Immunogen	Synthetic peptide (amino acids 15-30) derived from <i>Synechocystis</i> sp. PCC 6803 HliD protein NP_440269.1
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Liquid
Quantity	100 µl
Storage	Store short-term 4°C and long term at -20°C. Repeated freezing and thawing is not recommended.
Additional information	Pre-immune serum is available to this product upon request

Application information

Recommended dilution	1 : 2000 (WB)
Expected apparent MW	5 kDa
Confirmed reactivity	<i>Synechocystis</i> sp. PCC 6803
Predicted reactivity	According to sequence analysis antibody may react with homologous Hli protein(-s) from <i>Anabaena</i> , <i>Thermosynechococcus</i> , <i>Gloeobacter</i> , <i>Prochlorococcus</i> , <i>Synechococcus</i> and <i>Crocospaera</i> .
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Proctor et al. (2020) Xanthophyll carotenoids stabilise the association of cyanobacterial chlorophyll synthase with the LHC-like protein HliD. <i>Biochem J.</i> 2020 Oct 30;477(20):4021-4036. doi: 10.1042/BCJ20200561. PMID: 32990304. Chidgey et al. (2014). A cyanobacterial chlorophyll synthase-HliD complex associates with the Ycf39 protein and the YidC/Alb3 insertase. <i>Plant Cell.</i> 2014 Mar;26(3):1267-79. doi: 10.1105/tpc.114.124495.