

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

<b>Immunogen</b>	Synthetic peptide (amino acids 15-30) derived from <i>Synechocystis</i> sp. PCC 6803 HliD protein <a href="#">NP_440269.1</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Liquid
<b>Quantity</b>	100 µl
<b>Storage</b>	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** | *Synechocystis* sp. PCC 6803**Predicted reactivity** | According to sequence analysis antibody may react with homologous Hli protein(-s) from *Anabaena*, *Thermosynechococcus*, *Gloeobacter*, *Prochlorococcus*, *Synechococcus* and *Crocospaera*.**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. *Biochem J.* 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. *Plant Cell.* 2014 Mar;26(3):1267-79. doi: 10.1105/tpc.114.124495.