

Product no **AS10 1615****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.
<b>Additional information</b>	Pre-immune serum is available to this product upon request

**Application information**

<b>Recommended dilution</b>	1 : 2000 (WB)
<b>Expected   apparent MW</b>	5 kDa
<b>Confirmed reactivity</b>	<i>Synechocystis</i> sp. PCC 6803
<b>Predicted reactivity</b>	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> .
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<a href="#">Proctor et al. (2020)</a> 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. <a href="#">Chidgey et al. (2014)</a> . 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.