

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

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|------------------|---|
| <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**

|                               |   |
|-------------------------------|---|
| <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</a> 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.<br><a href="#">Chidgey</a> 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. |