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Product no AS10 1615

Anti-HliD | High light inducible protein

Product information

Immunogen	Synthetic peptide (amino acids 15-30) derived from *Synechocystis* 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	*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 Crocosphaera*.
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.