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This product is for research use only (not for diagnostic or therapeutic use)

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## Product no AS08 374 Anti-KatG | catalase peroxidase (HPI), cyanobacterial

## **Product information**

ImmunogenRecombinant full length KatG protein from Synechocystis sp. PCC 6803 (accessions P73911 and sll1987) with six<br/>His-tag on the terminus.HostRabbitClonalityPolyclonalPuritySerumFormatLyophilizedQuantity200 μlReconstitutionFor reconstitution add 200 μl of sterile waterStorageStorage or sides of the tubes.

## **Application information**

Recommended dilution	1 : 3000, 10 μg protein/lane (WB)
Expected   apparent MW	84.4   84.4 kDa for <i>Synechocystis</i> sp. PCC 6803
Confirmed reactivity	Synechocystis sp. PCC 6803
Predicted reactivity	Synechococcus sp. including PCC 7302 and S.elongatus (PCC 6301, PCC 7942); other bacteria
	Species of your interest not listed? Contact us
Additional information	This product can be sold containing ProClin if requested
Selected references	<u>Muehler</u> et al. (2024). Stress response in Escherichia coli following sublethal phenalene-1-one mediated antimicrobial photodynamic therapy: an RNA-Seq study. Photochem Photobiol Sci. 2024 Aug 5.doi: 10.1007/s43630-024-00617-3. <u>Hakkila</u> et al. (2018). Group 2 Sigma Factors Are Central Regulators of Oxidative Stress Acclimation in Cyanobacteria. Plant Cell Physiol. 2018 Nov 8. doi: 10.1093/pcp/pcy221. <u>Wenk</u> et al. (2012). A universally conserved GTPase regulates the oxidative stress response in Escherichia coli. J Bio. Chem. Nov 8.
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