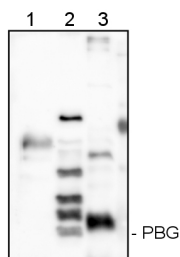


Product no **AS08 375****Anti-HemC | Porphobilinogen-Deaminase (PBG)****Product information**

<b>Immunogen</b>	Overexpressed <i>Thermosynechococcus elongatus</i> HemC, UniProt: <a href="#">Q8DIE4</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µl
<b>Reconstitution</b>	For reconstitution add 200 µl of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information**

<b>Recommended dilution</b>	1 : 1000-1 : 5000 (WB)
<b>Expected   apparent MW</b>	34.7 kDa
<b>Confirmed reactivity</b>	<i>Thermosynechococcus elongatus</i>
<b>Predicted reactivity</b>	Cyanobacteria
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Synechococcus</i> sp. PCC 6803

**Application example**

0.5 µg chl from *Synechocystis* sp. PCC 6803 membrane fraction (**1**) and soluble fraction (**2**) and *Thermosynechococcus elongatus* (**3**); *Synechocystis* was prepared as a soluble and membrane fractions. Separated on 12% SDS-PAGE and blotted overnight at 4°C to PVDF membrane. Membrane was blocked for 1h using 0.2% tween 20 in TBS. Probed with anti-HemC antibody in TTBS (AS08 357, 1:2000, 4h) and secondary anti-rabbit in TTBS (1:10000, 1h). Blot was developed for 5 min with chemiluminescent detection reagent and image of the blot was obtained using Fuji LAS 4000.

Courtesy Dr. Roman Sobotka Laboratory of Photosynthesis, Trebon, Czech Republic