

Product no **AS06 123****Anti-CPX1 | coproporphyrinogen III oxidase, isoform 1****Product information**

| | |
|-----------------------|---|
| Immunogen | Residues 32-366 from mature coproporphyrinogen III oxidase, isoform CPX1 of <i>Chlamydomonas reinhardtii</i> fused to TrxA <u>Q9S7V1</u> |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 100 µl |
| Reconstitution | For reconstitution add 100 µl of sterile water |
| Storage | 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

| | |
|-------------------------------|--|
| Recommended dilution | 1 : 3000 (WB) |
| Expected apparent MW | 41.4 38 kDa |
| Confirmed reactivity | <i>Physcomitrium patens</i> |
| Predicted reactivity | <i>Arabidopsis thaliana</i> , <i>Zea mays</i> Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | Lang et al. (2011). Simultaneous isolation of pure and intact chloroplasts and mitochondria from moss as the basis for sub-cellular proteomics. <i>Plant Cell Rep.</i> Feb;30(2):205-15. (reactivity confirmed for <i>Physcomitrella patens</i>). Quinn et al. (1999) Induction of Coproporphyrinogen Oxidase in <i>Chlamydomonas</i> Chloroplasts Occurs via Transcriptional Regulation of Cpx1 Mediated by Copper-Response Elements and Increased Translation from a Copper-Deficiency-Specific Form of the Transcript. <i>J. Biol. Chem.</i> 274:14444-14454. |