

Product no **AS15 3088**

LHCb9 | Light-harvesting complex

Product information

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| Immunogen | recombinant LHCb9.1 protein from <i>Physcomitrella patens</i> , Pp1s23_96V6 (phytozome), overexpressed in <i>E.coli</i> |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 50 µl |
| Reconstitution | For reconstitution add 50 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

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| Recommended dilution | 1 : 10 000 (WB) |
| Expected apparent MW | 29,3 26 kDa |
| Confirmed reactivity | <i>Physcomitrium patens</i> |
| Predicted reactivity | <i>Physcomitrium patens</i> |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | This antibody will recognize both recombinant LHCb9,1 and LHCb9,2 isoforms with similar affinity |
| Selected references | Harchouni et al. (2022) Guanosine tetraphosphate (ppGpp) accumulation inhibits chloroplast gene expression and promotes super grana formation in the moss <i>Physcomitrium</i> (<i>Physcomitrella</i>) <i>patens</i> . <i>New Phytol.</i> 2022;236(1):86-98. doi:10.1111/nph.18320 Alboresi et al. (2011) . A red-shifted antenna protein associated with photosystem II in <i>Physcomitrella patens</i> . <i>J Biol Chem.</i> 2011 Aug 19;286(33):28978-87. doi: 10.1074/jbc.M111.226126. Epub 2011 Jun 24. |