

Product no **AS15 3088****LHCb9 | Light-harvesting complex****Product information**

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

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	<p>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</p> <p>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.</p>