

Product no **AS13 2709****LYC | Lycopene beta cyclase (chloroplastic)****Product information**

<b>Immunogen</b>	His-tagged recombinant part of <i>Arabidopsis thaliana</i> lycopene beta-cyclase, encompassing about 2/3 of the coding region of, <a href="#">AEE74875.1</a> , TAIR: <a href="#">AT3G10230</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 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 : 500-1 : 2000 (WB)
<b>Expected   apparent MW</b>	56   50 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Capsicum annuum</i> , <i>Pisum sativum</i> , <i>Haematococcus pluvialis</i> (green alga), <i>Oryza sativa</i>
<b>Predicted reactivity</b>	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	diatoms
<b>Selected references</b>	<a href="#">Tang et al. (2020)</a> . OsNSUN2-Mediated 5-Methylcytosine mRNA Modification Enhances Rice Adaptation to High Temperature. <i>Dev Cell</i> . 2020 May 4;53(3):272-286.e7. doi: 10.1016/j.devcel.2020.03.009. <a href="#">Sun et al. (1998)</a> . Differential expression of two isopentenyl pyrophosphate isomerases and enhanced carotenoid accumulation in a unicellular chlorophyte. <i>PNAS</i> , Vol. 95, pp. 11482–11488, September 1998.