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Product no AS13 2709

Anti-LYC | Lycopene beta cyclase (chloroplastic)

Product information

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