

Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

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Product no **AS05 067-10**

POR | Protochlorophyllide oxidoreductase (10 µl)

Product information

Immunogen	native wheat POR protein isolated from a gel piece
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	10 µl
Reconstitution	For reconstitution add 10 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 tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 2000 (WB)
Expected apparent MW	36-37 kDa (<i>Arabidopsis thaliana</i>)
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Arachis hypogaea</i> , <i>Cyanobacteria</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Oryza sativa</i> , <i>Pisum sativum</i> , <i>Triticum aestivum</i>
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Selected references	<p>Liu et al. (2018). AhGLK1 affects chlorophyll biosynthesis and photosynthesis in peanut leaves during recovery from drought. <i>Sci Rep.</i> 2018 Feb 2;8(1):2250. doi: 10.1038/s41598-018-20542-7.</p> <p>Yang et al. (2018). Effect of interactions between light intensity and red-to- far-red ratio on the photosynthesis of soybean leaves under shade condition. <i>photosynthesis of soybean leaves under shade condition. Environ. Exp. Bot.</i> Volume 150, June 2018, Pages 79-87.</p> <p>Sakuraba et al. (2013). The rice faded green leaf locus encodes protochlorophyllideoxidoreductase B and is essential for chlorophyll synthesis under high light conditions. <i>Plant J.</i></p> <p>Yuan et al. (2012). Assembly of NADPH:protochlorophyllideoxidoreductase complex is needed for effective greening of barley seedlings. <i>J. Plant Physiol.</i> June 13.</p>